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32

TEACHERS

1038

STUDENTS

PREPARED BY:
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(COMPUTER INSTRUCTOR)



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" ITS THE TEACHER THAT MAKES THE DIFFERENCE, NOT THE CLASSROOM "

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CLASS TEACHERS

" ITS THE TEACHER THAT MAKES THE DIFFERENCE, NOT THE CLASSROOM "

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MEET THE TEACHER NANIGOPAL MAJI



ABOUT ME

I AM NANIGOPAL MAJI. MY JOURNEY IN KVS STARTED FROM 30.07.2001 AS PGT COMMERCE AT THE AGE OF 31 YEARS WITH ROBUST OPTIMISM, STEADFASTNESS, VIVACITY & COURAGE TO TAKE CHALLENGES. I HAVE A PASSION TO SHAPE THE UNSHAPED DIAMONDS SCATTERED IN KVS IN THE FORM OF STUDENTS/TINY TOTS. BY THE PASSAGE OF TIME AND SITUATIONS, I FEEL THAT THE PROCESS OF MOLDING OF STUDENTS FROM GOOD-BETTER-BEST, THE FACILITATORS/TEACHERS ARE TO BE TRAINED PROPERLY WITH 21ST CENTURY LEARNING SKILL. WITH THIS OBJECTIVE, I JOINED KVS-ZIET: BHUBANESWAR, A PREMIERE TRAINING INSTITUTE OF KVS FOR ITS STAFF W.E.F 15.06.2015 AS A TRAINING ASSOCIATE (COMMERCE). AFTER SATURATION OF MY HEART AT MY CURRENT OBJECTIVE, I REJOIN MY ORIGINAL TEACHING POST W.E.F 01.07.2017. I HAVE A DREAM TO HAVE A HANDFUL OF STUDENTS WITH EXCELLENCE ALONG WITH MORAL VALUES IN FUTURE.

SUBJECT TAUGHT

BUSINESS STUDIES AND ACCOUNTANCY IN CLASS XI & XII

TEACHING PHILOSOPHY

COMMERCE TEACHER IS A SUB-SET OF THE UNIVERSAL SET OF TEACHER. WITH THE HELP OF MY LITTLE KNOWLEDGE & EXPERTISE IN THE SUBJECT, I WANT TO CREATE AN ATMOSPHERE OF TRUE LEARNING AMONG STUDENTS/TINY TOTS/FUTURE CITIZEN IN FOLLOWING HOLISTIC DEVELOPMENT AREAS-

- 1. PRACTICAL APPLICATION:** EMPHASIZE THE APPLICATION OF THEORETICAL CONCEPTS TO REAL-LIFE SITUATIONS-SCHEDULED & SUDDEN WITH MINIMUM ERRORS.
- 2. INTERDISCIPLINARY-** MAKE STUDENTS AWARE THAT COMMERCE AS A BRANCH OF STUDIES ENCOMPASSES VARIOUS DISCIPLINES LIKE-ECONOMICS, ACCOUNTING AND MANAGEMENT AND THESE ARE TO BE TEXTURED IN SUCH A WAY THAT AVAILABLE RESOURCES ARE USED AT ITS OPTIMUM LEVEL.
- 3. STUDENT-CENTERED LEARNING:** PROMOTE ACTIVE LEARNING BY ENCOURAGING THEM TO TAKE OWNERSHIP OF THEIR LEARNING AND DEVELOP INDEPENDENT THINKING SKILLS.
- 4. TECHNOLOGY INTEGRATION:** RECOGNIZE THE SIGNIFICANCE OF USE OF TECHNOLOGY IN TODAY'S LIFE AND LEARNING LANDSCAPE.
- 5. COLLABORATION AND COMMUNICATION:** FOSTER COLLABORATIVE SKILLS AND EFFECTIVE COMMUNICATION AMONG STUDENTS, AS THESE ARE ESSENTIAL FOR SUCCESS IN ANY FIELD OF LIFE.



SPLIT UP SYLLABUS



CLASS XI ACCOUNTANCY

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• INTRODUCTION TO ACCOUNTING
JULY	<ul style="list-style-type: none">• THEORY BASE OF ACCOUNTING
JULY-AUGUST	<ul style="list-style-type: none">• VOUCHER & TRANSACTION , ACCOUNTING EQUATION, JOURNAL ENTRIES, LEDGER ACCOUNTS
AUGUST-SEPTEMBER	<ul style="list-style-type: none">• CASH BOOK, SPECIAL PURPOSE BOOKS, TRIAL BALANCE
SEPTEMBER	<ul style="list-style-type: none">• BANK RECONCILIATION STATEMENT• DEPRECIATION ,PROVISION & RESERVES
OCTOBER	<ul style="list-style-type: none">• TRIAL BALANCE & RECTIFICATIONS OF ERRORS
NOVEMBER	<ul style="list-style-type: none">• FINANCIAL STATEMENT OF SOLE PROPRIETORSHIP BUSINESS-WITHOUT ADJUSTMENT
NOVEMBER	<ul style="list-style-type: none">• FINANCIAL STATEMENT OF SOLE PROPRIETORSHIP BUSINESS-WITH ADJUSTMENT
DECEMBER	<ul style="list-style-type: none">• INCOMPLETE RECORDS
JANUARY	<ul style="list-style-type: none">• PROJECT WORK



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CLASS XII ACCOUNTANCY

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• ACCOUNTING FOR PARTNERSHIP FIRMS-FUNDAMENTALS NATURE & VALUATION OF GOODWILL
MAY-JUNE	<ul style="list-style-type: none">• MUTUAL CHANGE IN PROFIT SHARING RATIO
JUNE-JULY	<ul style="list-style-type: none">• ADMISSION OF A PARTNER• RETIREMENT AND DEATH OF A PARTNER• DISSOLUTION OF PARTNERSHIP FIRM
AUGUST	<ul style="list-style-type: none">• ACCOUNTING FOR SHARE CAPITAL• ISSUE OF SHARE• FORFEITURE & REISSUE OF FORFEITED SHARES• PRESENTATION OF SHARE CAPITAL IN BALANCE SHEET OF A COMPANY
SEPTEMBER	<ul style="list-style-type: none">• ACCOUNTING FOR ISSUE OF DEBENTURE• ANALYSIS OF FINANCIAL STATEMENT- FINANCIAL STATEMENT OF A COMPANY• COMPARATIVE & COMMON SIZE STATEMENT
OCTOBER	<ul style="list-style-type: none">• RATIO ANALYSIS
NOVEMBER	<ul style="list-style-type: none">• CASH FLOW STATEMENT• PROJECT WORK
DECEMBER	<ul style="list-style-type: none">• REVISION



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CLASS XI BUSINESS STUDIES

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• NATURE AND PURPOSE OF BUSINESS
JULY	<ul style="list-style-type: none">• FORMS OF BUSINESS ORGANIZATIONS
JULY-AUGUST	<ul style="list-style-type: none">• PUBLIC ,PRIVATE AND GLOBAL ENTERPRISES
AUGUST- SEPTEMBER	<ul style="list-style-type: none">• BUSINESS SERVICES
SEPTEMBER	<ul style="list-style-type: none">• EMERGING MODES OF BUSINESS• SOCIAL RESPONSIBILITY OF BUSINESS AND BUSINESS ETHICS
OCTOBER	<ul style="list-style-type: none">• SOURCES OF BUSINESS FINANCE
NOVEMBER	<ul style="list-style-type: none">• SMALL BUSINESS & ENTREPRENEURSHIP DEVELOPMENT• INTERNAL TRADE
DECEMBER	<ul style="list-style-type: none">• INTERNATIONAL BUSINESS
JANUARY	<ul style="list-style-type: none">• PROJECT WORK
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT UP SYLLABUS



CLASS XII BUSINESS STUDIES

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• NATURE & SIGNIFICANCE OF MANAGEMENT• PRINCIPLES OF MANAGEMENT
MAY-JUNE	<ul style="list-style-type: none">• BUSINESS ENVIRONMENT• PLANNING
JULY	<ul style="list-style-type: none">• ORGANISING• STAFFING
AUGUST	<ul style="list-style-type: none">• DIRECTING• CONTROLLING
AUGUST SEPTEMBER	<ul style="list-style-type: none">• FINANCIAL MANAGEMENT• FINANCIAL MARKETS
OCTOBER	<ul style="list-style-type: none">• MARKETING MANAGEMENT
NOVEMBER	<ul style="list-style-type: none">• CONSUMER PROTECTION• PROJECT WORK
DECEMBER	<ul style="list-style-type: none">• REVISION

MEET THE TEACHER

AFTAB ALAM SHAHNAWAZ



ABOUT ME

I AFTAB ALAM SHAHNAWAZ STARTED MY JOURNEY IN KVS AS A PGT(CS) ON 05-09-2007 . BEFORE BEING APPOINTED , I HAD THE OPPORTUNITY TO SERVE ONE KV AS A CONTRACTUAL PGT(CS) FOR ONE YEAR AND FOUR MONTHS IN THE NEXT SESSION. THIS EXPERIENCE HELPED ME A LOT.

SUBJECT TAUGHT

TEACHING A PROGRAMMING LANGUAGE HAS BEEN ONE OF MY PASSIONS. BEFORE JOINING KVS , I USED TO TEACH C , C++ AND JAVA. ON JOINING KVS , I GOT THE OPPORTUNITY TO TEACH C++ PROGRAMMING, SQL AND COMPUTER NETWORKS. GRADUALLY CBSE CAME UP WITH A NEW SYLLABUS OF PYTHON IN COMPUTER SCIENCE. WE UPGRADED TO A NEW PROGRAMMING LANGUAGE, PYTHON. IT WAS REALLY AN OPPORTUNITY TO LEARN AND TEACH A NEW TECHNOLOGY.

TEACHING PHILOSOPHY

IN TEACHING AT KVS FOR THE PLUS TWO STUDENTS, IT IS A CHALLENGE. WE HAVE TO MAKE THE TOPICS EASY AS WELL AS MAKE THEM READY TO FACE THE CBSE EXAMS AND SCORE IN A BETTER MANNER. THEY HAVE TO BE MOTIVATED TO MAKE A CAREER IN THE ADVANCED FIELD OF COMPUTERS AND TECHNOLOGY.



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII COMPUTER SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">PRACTICALS OF CLASS - XI PYTHON PROGRAMS	<ul style="list-style-type: none">PROGRAM LOGIC = 2SYNTAX = 2APPLICATION = 1
MAY-JUNE	<ul style="list-style-type: none">USER DEFINED FUNCTIONS - PRACTICALS	<ul style="list-style-type: none">PROGRAM LOGIC = 2SYNTAX = 2APPLICATION = 1
JULY	<ul style="list-style-type: none">FILE HANDLING IN PYTHON - PRACTICALS	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2
AUGUST	<ul style="list-style-type: none">FILE HANDLING IN PYTHON - PRACTICALS	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2
SEPTEMBER	<ul style="list-style-type: none">SQL PRACTICALS	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2
OCTOBER	<ul style="list-style-type: none">CONNECTIVITY OF SQL WITH PYTHON PROGRAM	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2
NOVEMBER	<ul style="list-style-type: none">PROJECT DEVELOPMENT	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2
DECEMBER	<ul style="list-style-type: none">PROJECT DEVELOPMENT	<ul style="list-style-type: none">UNDERSTANDING = 3APPLICATION = 2



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CLASS XI COMPUTER SCIENCE



MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• COMPUTER ORGANIZATION
JULY	<ul style="list-style-type: none">• COMPUTER FUNDAMENTALS, NUMBER SYSTEM
AUGUST	<ul style="list-style-type: none">• BOOLEAN LOGIC, PYTHON PROGRAMMING
SEPTEMBER	<ul style="list-style-type: none">• CONDITIONAL STATEMENTS
OCTOBER	<ul style="list-style-type: none">• ITERATIVE STATEMENTS
NOVEMBER	<ul style="list-style-type: none">• STRINGS, LISTS
DECEMBER	<ul style="list-style-type: none">• TUPLES , DICTIONARIES
JANUARY	<ul style="list-style-type: none">• COMPUTER AND INTERNET ETHICS
FEBRUARY	<ul style="list-style-type: none">• REVISION & PRACTICAL EXAM
MARCH	<ul style="list-style-type: none">• THEORY EXAM - SEE



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CLASS XII COMPUTER SCIENCE



MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• UNIT I: COMPUTATIONAL THINKING AND PROGRAMMING - 2• REVISION OF PYTHON TOPICS COVERED IN CLASS XI.
MAY-JUNE	<ul style="list-style-type: none">• FUNCTION RETURNING VALUE(S), FLOW OF EXECUTION, SCOPE OF A VARIABLE (GLOBAL SCOPE, LOCAL SCOPE)• EXCEPTION HANDLING: INTRODUCTION, HANDLING EXCEPTIONS USING TRY-EXCEPT - FINALLY BLOCKS
JULY	<ul style="list-style-type: none">• INTRODUCTION TO FILES, TYPES OF FILES (TEXT FILE, BINARY FILE, CSV FILE), RELATIVE AND ABSOLUTE PATHS
AUGUST	<ul style="list-style-type: none">• DATA STRUCTURE: STACK, OPERATIONS ON STACK (PUSH & POP), IMPLEMENTATION OF STACK USING LIST.• UNIT II: COMPUTER NETWORKS
SEPTEMBER	<ul style="list-style-type: none">• UNIT III: DATABASE MANAGEMENT
OCTOBER	<ul style="list-style-type: none">• JOINS: CARTESIAN PRODUCT ON TWO TABLES, EQUI-JOIN AND NATURAL JOIN• INTERFACE OF PYTHON WITH AN SQL DATABASE:
NOVEMBER	<ul style="list-style-type: none">• PROJECT DEVELOPMENT / PRACTICAL FILE SUBMISSION / REVISION WORK

MEET THE TEACHER SUBHRAJYOTI GHOSHAL



ABOUT ME

I AM POST GRADUATE TRAINED TEACHER OF ENGLISH IN KENDRIYA VIDYALAYA NO2, KANCHRAPARA UNDER RO KOLKATA, TEACHING ENGLISH CORE IN CLASSES XI AND XII.

SUBJECT TAUGHT

ENGLISH CORE FOR CLASS XI & XII

TEACHING PHILOSOPHY

STUDENTS MUST BE ABLE TO GAIN WORKING KNOWLEDGE OF THE ENGLISH AND DEVELOP THEIR CRITICAL AND CREATIVE FACULTIES. WORKING KNOWLEDGE WOULD MEAN LETTERS AND OTHER OFFICIAL DOCUMENTS. CRITICAL AND CREATIVE FACULTIES WOULD BE WITH REGARD TO LITERATURE OF VARIOUS COUNTRIES IN THE ENGLISH LANGUAGE.



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI ENGLISH

MONTH	ACTIVITIES	RUBRICS
JULY	<ul style="list-style-type: none">• IMPORTANCE OF EMOTIONAL SUPPORT FOR ELDERLY	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2
AUGUST	<ul style="list-style-type: none">• DEBATE - NO ONE WINS A WAR	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2
SEPTEMBER	<ul style="list-style-type: none">• DEBATE - NEED FOR RESTORATION OF MUMMIES	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2
OCTOBER	<ul style="list-style-type: none">• PUPPETRY - BATTLE OF PANIPAT	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2
NOVEMBER	<ul style="list-style-type: none">• DIARY ENTRY - JOURNEY TO MOUNT KAILASH	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2
DECEMBER	<ul style="list-style-type: none">• SEMINAR - INTRODUCTION TO BOOK / AUTHOR / THEME	<ul style="list-style-type: none">• UNDERSTANDING = 3• APPLICATION = 2



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII ENGLISH

MONTH	ACTIVITIES	RUBRICS
APRIL - MAY	<ul style="list-style-type: none">• SPEECH AND ARTICLE WRITING ON INTERNATIONAL LANGUAGE DAY	<ul style="list-style-type: none">• CREATIVITY = 1• RELEVANCE = 1• CLARITY = 1• DEPTH = 1• PERSUASIVENESS = 1
JULY	<ul style="list-style-type: none">• REPORT WRITING ON HAZARDS OF LIVING IN SLUM AREAS	<ul style="list-style-type: none">• RESEARCH = 1• ANALYSIS = 1• PRESENTATION = 1• SOLUTIONS = 1• IMPACT = 1
AUGUST	<ul style="list-style-type: none">• ARTICLE WRITING ON REHABILITATION OF CRIMINALS	<ul style="list-style-type: none">• EMPATHY = 1• FEASIBILITY = 1• EFFECTIVENESS = 1• JUSTICE = 1• REINTEGRATION = 1
SEPTEMBER	<ul style="list-style-type: none">• ARTICLE WRITING ON NON-COOPERATION MOVEMENT• DEBATE - NATIONALISM VS HUMANISM	<ul style="list-style-type: none">• EMPATHY = 1• SUPPORT = 1• REHABILITATION = 1• ADVOCACY = 1• PREVENTION = 1
OCTOBER	<ul style="list-style-type: none">• REPORT WRITING1. ACID ATTACK VICTIMS2. DOMESTIC VIOLENCE	<ul style="list-style-type: none">• EMPATHY = 1• SUPPORT = 1• REHABILITATION = 1• ADVOCACY = 1• PREVENTION = 1
NOVEMBER	<ul style="list-style-type: none">• DEBATE - CASTE RESERVATION SYSTEM IN INDIA	<ul style="list-style-type: none">• EQUITY = 1• MERIT = 1• SOCIAL JUSTICE = 1• REPRESENTATION = 1• IMPACT = 1



SPLIT UP SYLLABUS

CLASS XI ENGLISH



MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• INTRODUCTION, QP PATTERN, SYLLABUS
JULY	<ul style="list-style-type: none">• PORTRAIT, PHOTOGRAPH, SUMMER, CLASS AD, NOTE SUM, COMP, ASL
AUGUST	<ul style="list-style-type: none">• NOT AFRAID, LABURNUM, ADDRESS, POSTER, CLAUSE, SPEECH, COMP
SEPTEMBER	<ul style="list-style-type: none">• TUT, RAIN, MOTHER`S DAY, TRANSFORMATION, DEBATE
OCTOBER	<ul style="list-style-type: none">• ADVENTURE, CHILDHOOD, BIRTH, COMP, ASL, REORDERING
NOVEMBER	<ul style="list-style-type: none">• SILK ROAD, FATHER TO SON, COMP, GRAMMAR
DECEMBER	<ul style="list-style-type: none">• MELON CITY, COMP, ASL, GRAM, PROJ
JANUARY	<ul style="list-style-type: none">• REVISION, PROJ, VIVA
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS XII ENGLISH



MONTH	CHAPTERS
APRIL-MAY	<ul style="list-style-type: none">• THE LAST LESSON, MY MOTHER AT SIXTY SIX, THE THIRD LEVEL, JOB APPLICATION, COMPREHENSION
JUNE	<ul style="list-style-type: none">• LOST SPRING, KEEPING QUIET
JULY	<ul style="list-style-type: none">• DEEP WATER, TIGER KING, THING OF BEAUTY, ARTICLE WRITING, NOTICE, WRITING, ASL
AUGUST	<ul style="list-style-type: none">• RATTRAP, ROADSIDE STAND, JOURNEY, INVITATION, LETTER TO EDITOR, ASL
SEPTEMBER	<ul style="list-style-type: none">• INDIGO, POETS AND PANCAKES, ENEMY, REPORT WRITING, COMPREHENSION
OCTOBER	<ul style="list-style-type: none">• INTERVIEW, ON THE FACE, AUNT JENNIFER, PROJECT, ASL
NOVEMBER	<ul style="list-style-type: none">• MEMORIES, GOING PLACES, REVISION

MEET THE TEACHER

MANOJ OJHA



ABOUT ME

I AM MANOJ OJHA WORKING AS PGT -GEOGRAPHY IN KENDRIYA VIDYALAYA NO 2 KANCHRAPARA.

SUBJECT TAUGHT

I TEACH GEOGRAPHY IN CLASS XI & XII (HUMANITIES) AND SOCIAL SCIENCE IN CLASS VIII

TEACHING PHILOSOPHY

MY PHILOSOPHY OF TEACHING AS A TEACHER IS THE BELIEVE IN THE FACT THAT CHILDREN ARE UNIQUE AND MUST GAVE AN INTERESTING AND STIMULATING EDUCATIONAL ENVIRONMENT WHERE THEIR GROWTH PHYSICALLY,EMOTIONALLY,SOCIALLY CAN TAKE PLACE IN A PROPER MANNER.BEING A TEACHER IT IS MY DESIRE TO CREATE SUCH AN ENVIRONMENT FOR MY STUDENTS.WHERE THEY CAN MEET THEIR FULL POTENTIAL.FOR THE ACCOMPLISHMENT OF THE SAME,I WILL PROVIDE THEM A SAFE ENVIRONMENT THEM WHERE THEY WILL HE CALLED UPON TO SHARE THEIR IDEAS AND TAKE A RISKS.IN DOING SOCI WILL ACT AS THEIR GUIDE AND GIVING THEM SCOPE TO TRY HANDS ON ACTIVITIES.THUS STUDENTS SHOULD HAVE CHOICES AND LET THEIR CURIOSITY DIRECT THEIR LEARNING.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VIII SOCIAL SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• LEARNER'S DIARY	WRITING OF THE EXPERIENCES THAT THEY HAVE AFTER STUDYING THE TOPIC (10)
MAY-JUNE	<ul style="list-style-type: none">• PROJECT WORK- MULTI-DISPLINERY PROJECT ASSIGNED TO THEM AS PER KVS NORMS	CONTENT MATTER = (5) PRESENTATION = (3) CERTIFICATE, BIBLIOGRAPHY ETC = (2)
JULY	<ul style="list-style-type: none">• ORAL/WRITTEN QUIZ	<ul style="list-style-type: none">• ACCURACY = 2• KNOWLEDGE = 3
AUGUST	<ul style="list-style-type: none">• MAP ACTIVITY	<ul style="list-style-type: none">• ACCURACY = 2• KNOWLEDGE = 3
SEPTEMBER	<ul style="list-style-type: none">• NOTEBOOK	<ul style="list-style-type: none">• HANDWRITING = 2• NEATNESS = 3
OCTOBER	<ul style="list-style-type: none">• CLASS WORK/HOLIDAY HOMEWORK	<ul style="list-style-type: none">• TIMELY SUBMISSION = 3• NEATNESS = 2



SPLIT UP SYLLABUS

CLASS VII SOCIAL SCIENCE



MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THE ENVIRONMENT• INSIDE OUR EARTH• TRACING CHANGES THROUGH A THOUSAND YEARS
MAY-JUNE	<ul style="list-style-type: none">• ON EQUALITY• NEW KINGS AND KINGDOMS
JULY	<ul style="list-style-type: none">• THE DELHI SULTANS• AIR
AUGUST	<ul style="list-style-type: none">• ROLE OF GOVERNMENT IN HEALTH• HOW THE STATE GOVERNMENT WORKS• THE MUGHAL EMPIRE• . GROWING UP AS BOYS AND GIRLS
SEPTEMBER	<ul style="list-style-type: none">• WATER• WOMEN CHANGE THE WORLD• TRIBES NOMADS AND SETTLED COMMUNITIES• REVISION .
OCTOBER	<ul style="list-style-type: none">• .UNDERSTANDING MEDIA• .UNDERSTANDING ADVERTISING
NOVEMBER	<ul style="list-style-type: none">• DEVOTIONAL PATH TO THE DIVINE• MARKETS AROUND US• HUMAN ENVIRONMENT INTERACTIONS THE TROPICAL AND THE SUB TROPICAL REGIONS
DECEMBER	<ul style="list-style-type: none">• .THE MAKING OF THE REGIONAL CULTURES• LIFE IN THE TERMPERATE GRASSLANDS• .A SHIRT IN THE MARKET
JANUARY	<ul style="list-style-type: none">• LIFE IN THE DESERTS• 18TH CENTURY POLITICAL FORMATIONS
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT UP SYLLABUS

CLASS XI GEOGRAPHY



MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• GEOGRAPHY AS A DISCIPLINE• INDIA LOCATION
JULY	<ul style="list-style-type: none">• ORIGIN OF THE EARTH• STRUCTURE AND PHYSIOGRAPHY• MAP• INTERIOR OF• THE EARTH• DRAINAGE• MAP SCALE
AUGUST	<ul style="list-style-type: none">• OCEANS AND CONTINENTS• CLIMATE• MAP• PROJECTION• GEOMORPHIC PROCESS
SEPTEMBER	<ul style="list-style-type: none">• LANDFORMS AND EVOLUTIONS• NATURAL VEGETATIONS• TOPOGRAPHICAL MAPS• ATMOSPHERE : COMPOSITION AND STRUCTURE• WATER IN ATMOSPHERE
OCTOBER	<ul style="list-style-type: none">• SOLAR RADIATION• NATURAL HAZARDS• (PROJECT)• AERIAL PHOTOGRAPHS• WORLD CLIMATE• WEATHER INSTRUMENT
NOVEMBER	<ul style="list-style-type: none">• WATER (OCEAN)• REVISION
DECEMBER	<ul style="list-style-type: none">• MOVEMENTS OF OCEAN WATERS
JANUARY	<ul style="list-style-type: none">• BIO DIVERSITY AND CONSERVATION
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT UP SYLLABUS

CLASS XII GEOGRAPHY



MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• HUMAN GEOGRAPHY NATURE AND SCOPE• POPULATION DISTRIBUTION• DATA AND ITS SOURCE• WORLD POPULATION
MAY-JUNE	<ul style="list-style-type: none">• HUMAN DEVELOPMENT• HUMAN SETTLEMENT
JUNE	<ul style="list-style-type: none">• PRIMARY ACTIVITIES• LAND RESOURCES
JULY	<ul style="list-style-type: none">• SECONDARY ACTIVITIES• WATER RESOURCES• DATA PROCESSING• TERTIARY AND QUATERNARY ACTIVITIES
AUGUST	<ul style="list-style-type: none">• TRANSPORT AND COMMUNICATION• MINERAL AND ENERGY RESOURCES• PLANING AND SUSTAINABLE DEVELOPMENT• DATA PROCESSING
SEPTEMBER	<ul style="list-style-type: none">• INTERNATIONAL TRADE• TRANSPORT AND COMMUNICATION• INTERNATIONAL TRADE
OCTOBER	<ul style="list-style-type: none">• GEOGRAPHICAL PERSPECTIVE OF SELECTIVE ISSUE• SPATIAL INFORMATION SYSTEM
NOVEMBER	<ul style="list-style-type: none">• DEVOTIONAL PATH TO THE DIVINE• MARKETS AROUND US• HUMAN ENVIRONMENT INTERACTIONS THE TROPICAL AND THE SUB TROPICAL REGIONS
DECEMBER	<ul style="list-style-type: none">• THE MAKING OF THE REGIONAL CULTURES• LIFE IN THE TERMPERATE GRASSLANDS• A SHIRT IN THE MARKET

MEET THE TEACHER

AJAY KUMAR



ABOUT ME

MYSELF AJAY KUMAR WORKING AS PGT (PHYSICS) SINCE 23.10.2017

SUBJECT TAUGHT

PHYSICS IN CLASS IX TO XII(SCIENCE) AND SCIENCE IN CLASS VII

TEACHING PHILOSOPHY

AS A TEACHER I BELIEVE THAT A LESSON TAUGHT IS A LESSON LEARN. MY FOCUS WILL BE TO COMPLETE THE SYLLABUS IN TIME SO THAT STUDENTS CAN GET SUFFICIENT TIME TO REVISE FOR EXAMINATIONS.

MY TEACHING PHILOSOPHY IS THAT ALL TEACHING AND LEARNING EXPERIENCES SHOULD BE SELF MOTIVATED, BURDEN LESS AND JOYFUL. I WANT TO LET CHILDREN LEARN AT THEIR SELF -PACE IN VERY NATURAL SURROUNDINGS
I BELIEVE THAT ALL STUDENTS CAN LEARN AND WANTS TO LEARN. AS A TEACHER IT'S MY JOB TO MEET THEM WHERE THEY ARE AND MOVE THEM FORWARD.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VIII SCIENCE

MONTH	ACTIVITIES	RUBRICS
MAY-JUNE	LAB VISIT, ACTIVITY BASED ON TOPICS (CHAPTERS)- TO BE WRITTEN IN NOTEBOOK.	<ul style="list-style-type: none">• APPARATUS HANDLING = (2)• OBSERVATION = (1)• CALCULATION = (1)• CONCLUSION = (1)
JULY-AUGUST	PROJECT WORK- CHOOSE ANY ONE TOPIC EACH FROM - BIOLOGY, PHYSICS AND CHEMISTRY 1.COLLECT DIFFERENT TYPES OF NUTRIENTS FOR PLANTS (II) NOTE THE CHANGES IN THE PLANT'S DEVELOPMENT. 2. COLLECT DIFFERENT TYPES OF SMALL PLANTS AND LABEL THEM. 3. COLLECT PICTURES OF SOME PLANTS FOUND IN THE FOREST AND PASTE THEM IN A FILE. WRITE THEIR NAMES AND USES.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
SEP-OCT	1. STICK PICTURES OF ANY TEN REAL LIFE SITUATIONS INVOLVING MOTION. RECORD YOUR OBSERVATIONS. 2. STICK PICTURES OF ANY TEN DAILY LIFE SITUATIONS INVOLVING ELECTRIC CURRENT AND EXPLAIN APPLICATION OF CURRENT IN EACH SITUATION. 3. EXPLAIN ANY FOUR ACTIVITIES IN EVERYDAY LIFE RELATED TO LIGHT.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
NOV-DEC	1.NAME DIFFERENT TYPES OF ACID BASES AND SALTS WITH DIAGRAM 2.WRITE DOWN DIFFERENT CHEMICAL CHANGES OBSERVED IN SURROUNDING AND GIVE A BRIEF REPORT ABOUT THEM. 3.WRITE DOWN EQUATION FOR CHEMICAL REACTION OF ACID,BASES AND SALT ,GIVE A BRIEF REPORT ABOUT THEM.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
JAN/FEB/ MARCH	1.FOREST LIFE 2.WASTE WATER MANAGENT 3. PHYSICAL AND CHEMICAL CHANGES(2)	<ul style="list-style-type: none">• REPORT = (3)• ORAL TEST = (2)



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI – PHYSICS

MONTH	CHAPTERS	RUBRICS
JUNE	<ul style="list-style-type: none">• EXP-TO MEASURE DIAMETRE OF A SMALL SPHERICAL/CYLINDRICAL BODY USING VERNIER CALLIPERS• ACT-TO MAKE A PAPER SCALE OF A GIVEN LEAST COUNT, E.G, 0.2CM, 0.5CM	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
JULY	<ul style="list-style-type: none">• EXP-TO MEASURE INTERNAL DIAMETRE AND DEPTH OF A GIVEN BEAKER/CALORIMETER USING VERNIER CALLIPER AND HENCE FIND IT'S VOLUME• EXP-TO MEASURE DIAMETER OF A GIVEN WIRE USING SCREW GAUGE• EXP-TO MEASURE THICKNESS OF A GIVEN SHEET USING SCREW GAUGE.• ACT-TO STUDY THE VARIATION IN RANGE OF A PROJECTILE WITH ANGLE OF PROJECTION	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
AUGUST	<ul style="list-style-type: none">• EXP-TO DETERMINE VOLUME OF AN IRREGULAR LAMINA USING SCREW GAUGE• EXP-TO DETERMINE RADIUS OF CURVATURE OF A GIVEN SPHERICAL SURFACE BY A SPHEROMETER• ACT-TO STUDY THE CONSERVATION OF ENERGY OF A BALL ROLLING DOWN ON AN INCLINED PLANE	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
SEPTEMBER	<ul style="list-style-type: none">• EXP-TO DETERMINE THE MASS OF TWO DIFFERENT OBJECTS USING A BEAM BALANCE• EXP-TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
OCTOBER	<ul style="list-style-type: none">• EXP-USING A SIMPLE PENDULUM, PLOT IT'S $L-T^2$ GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECONDS PENDULUM.• EXP-TO STUDY VARIATION OF TIME PERIOD OF A SIMPLE PENDULUM OF A GIVEN LENGTH BY TAKING BOBS OF SAME SIZE BUT DIFFERENT MASSES AND INTERPRET THE RESULT.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
NOVEMBER	<ul style="list-style-type: none">• EXP-TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION AND TO FIND THE COEFFICIENT OF FRICTION BETWEEN A BLOCK AND A HORIZONTAL SURFACE.• EXP-TO FIND THE DOWNWARD FORCE, ALONG AN INCLINED PLANE, ACTING ON A ROLLER DUE TO GRAVITATIONAL PULL OF THE EARTH AND STUDY IT'S RELATIONSHIP WITH THE ANGLE OF INCLINATION BY PLOTTING GRAPH BETWEEN FORCE AND SIN.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
DECEMBER	<ul style="list-style-type: none">• EXP-TO DETERMINE YOUNG'S MODULUS OF THE MATERIAL OF A GIVEN WIRE• EXP-TO FIND THE FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING A GRAPH BETWEEN LOAD AND EXTENSION.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI – PHYSICS

MONTH	CHAPTERS	RUBRICS
JUNE	<ul style="list-style-type: none">• EXP-TO MEASURE DIAMETRE OF A SMALL SPHERICAL/CYLINDRICAL BODY USING VERNIER CALLIPERS• ACT-TO MAKE A PAPER SCALE OF A GIVEN LEAST COUNT, E.G, 0.2CM, 0.5CM	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
JULY	<ul style="list-style-type: none">• EXP-TO MEASURE INTERNAL DIAMETRE AND DEPTH OF A GIVEN BEAKER/CALORIMETER USING VERNIER CALLIPER AND HENCE FIND IT'S VOLUME• EXP-TO MEASURE DIAMETER OF A GIVEN WIRE USING SCREW GAUGE• EXP-TO MEASURE THICKNESS OF A GIVEN SHEET USING SCREW GAUGE.• ACT-TO STUDY THE VARIATION IN RANGE OF A PROJECTILE WITH ANGLE OF PROJECTION	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
AUGUST	<ul style="list-style-type: none">• EXP-TO DETERMINE VOLUME OF AN IRREGULAR LAMINA USING SCREW GAUGE• EXP-TO DETERMINE RADIUS OF CURVATURE OF A GIVEN SPHERICAL SURFACE BY A SPHEROMETER• ACT-TO STUDY THE CONSERVATION OF ENERGY OF A BALL ROLLING DOWN ON AN INCLINED PLANE	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
SEPTEMBER	<ul style="list-style-type: none">• EXP-TO DETERMINE THE MASS OF TWO DIFFERENT OBJECTS USING A BEAM BALANCE• EXP-TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
OCTOBER	<ul style="list-style-type: none">• EXP-USING A SIMPLE PENDULUM, PLOT IT'S $L-T^2$ GRAPH AND USE IT TO FIND THE EFFECTIVE LENGTH OF SECONDS PENDULUM.• EXP-TO STUDY VARIATION OF TIME PERIOD OF A SIMPLE PENDULUM OF A GIVEN LENGTH BY TAKING BOBS OF SAME SIZE BUT DIFFERENT MASSES AND INTERPRET THE RESULT.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
NOVEMBER	<ul style="list-style-type: none">• EXP-TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION AND TO FIND THE COEFFICIENT OF FRICTION BETWEEN A BLOCK AND A HORIZONTAL SURFACE.• EXP-TO FIND THE DOWNWARD FORCE, ALONG AN INCLINED PLANE, ACTING ON A ROLLER DUE TO GRAVITATIONAL PULL OF THE EARTH AND STUDY IT'S RELATIONSHIP WITH THE ANGLE OF INCLINATION BY PLOTTING GRAPH BETWEEN FORCE AND SIN.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)
DECEMBER	<ul style="list-style-type: none">• EXP-TO DETERMINE YOUNG'S MODULUS OF THE MATERIAL OF A GIVEN WIRE• EXP-TO FIND THE FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING A GRAPH BETWEEN LOAD AND EXTENSION.	<ul style="list-style-type: none">• CONTENT MATTER = (3)• PRESENTATION = (2)



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CLASS VII SCIENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• NUTRITION IN PLANTS• NUTRITION IN ANIMALS
MAY-JUNE	<ul style="list-style-type: none">• HEAT• ACID, BASES AND SALTS
JULY	<ul style="list-style-type: none">• PHYSICAL AND CHEMICAL CHANGES• RESPIRATION IN ORGANISM
AUGUST	<ul style="list-style-type: none">• TRANSPORTATION IN ANIMALS• TRANSPORTATION IN PLANTS
SEPTEMBER	<ul style="list-style-type: none">• REPRODUCTION IN PLANTS• MOTION AND TIME
OCTOBER	<ul style="list-style-type: none">• ELECTRIC CURRENT AND IT'S EFFECT
NOVEMBER	<ul style="list-style-type: none">• LIGHT
DECEMBER	<ul style="list-style-type: none">• FOREST AND LIFE LINE
JANUARY	<ul style="list-style-type: none">• WASTE WATER STORY AND REVISION
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS XI – PHYSICS

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• PHYSICAL WORLD AND MEASUREMENT
JULY	<ul style="list-style-type: none">• KINEMATICS• LAWS OF MOTION• WORK ,ENERGY AND POWER
AUGUST	<ul style="list-style-type: none">• SYSTEM OF PARTICLES AND ROTATIONAL MOTION• GRAVITATION
SEPTEMBER	<ul style="list-style-type: none">• MECHANICAL PROPERTIES OF SOLIDS
OCTOBER	<ul style="list-style-type: none">• MECHANICAL PROPERTIES OF FLUID
NOVEMBER	<ul style="list-style-type: none">• THERMAL PROPERTIES OF MATTER• THERMODYNAMICS
DECEMBER	<ul style="list-style-type: none">• KINETIC THEORY• OSCILLATIONS
JANUARY	<ul style="list-style-type: none">• WAVES• REVISION



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CLASS XII – PHYSICS

MONTH	CHAPTERS
APRIL+MAY	<ul style="list-style-type: none">• 1.ELECTRIC CHARGE AND FIELD• 2.ELECTROSTATIC POTENTIAL AND CAPACITANCE
JUNE +JULY	<ul style="list-style-type: none">• 3.CURRENT ELECTRICITY
JULY	<ul style="list-style-type: none">• 4.MOVING CHARGE AND MAGNETISM• 5.MAGNETISM AND MATTER
AUGUST	<ul style="list-style-type: none">• 6 ELECTROMAGNETIC INDUCTION• 7.ALTERNATING CURRENT• 8.ELECTROMAGNETIC WAVE
SEPTEMBER	<ul style="list-style-type: none">• 9.RAY OPTICS AND OPTICAL INSTRUMENT• 10.WAVE OPTICS
OCTOBER	<ul style="list-style-type: none">• 11.DUAL NATURE OF RADIATION AND MATTER• 12.ATOMS• 13.NUCLEI
NOVEMBER	<ul style="list-style-type: none">• SEMICONDUCTOR
DECEMBER	<ul style="list-style-type: none">• REVISION AND 1ST PRE BOARD

MEET THE TEACHER

KRISHNENDU BARIK



ABOUT ME

I AM KRISHNENDU BARIK, PGT CHEMISTRY RECENTLY POSTED IN PM SHRI KENDRIYA VIDYALAYA NO.2 KANCHRAPARA. I HAVE COMPLETED MY M.SC IN CHEMISTRY FROM CALCUTTA UNIVERSITY. I JOINED THIS PACE SETTING ORGANISATION IN THE YEAR 2017 WITH MY INITIAL POSTING AT KENDRIYA VIDYALAYA NO.1 AFS JORHAT.

SUBJECT TAUGHT

I AM ASSIGNED TO SHARE MY KNOWLEDGE OF CHEMISTRY IN CLASS-XI AND CLASS-XII. I ALSO TAKE SCIENCE IN CLASS VI.

TEACHING PHILOSOPHY

AS A TEACHER I BELIEVE THAT A LESSON TAUGHT IS A LESSON LEARN. MY FOCUS WILL BE TO COMPLETE THE SYLLABUS IN TIME SO THAT STUDENTS CAN GET SUFFICIENT TIME TO REVISE FOR EXAMINATIONS.

MY TEACHING PHILOSOPHY IS THAT ALL TEACHING AND LEARNING EXPERIENCES SHOULD BE SELF MOTIVATED, BURDEN LESS AND JOYFUL. I WANT TO LET CHILDREN LEARN AT THEIR SELF -PACE IN VERY NATURAL SURROUNDINGS

I BELIEVE THAT ALL STUDENTS CAN LEARN AND WANTS TO LEARN. AS A TEACHER IT'S MY JOB TO MEET THEM WHERE THEY ARE AND MOVE THEM FORWARD.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI SCIENCE

MONTH	CHAPTERS	RUBRICS
APRIL	<ul style="list-style-type: none">• LAB VISIT, ACTIVITY BASED ON TOPICS(CHAPTERS)- TO BE WRITTEN IN NOTEBOOK.• PROJECT WORK- CHOOSE ANY ONE TOPIC EACH FROM -BIOLOGY, PHYSICS AND CHEMISTRY• CELEBRATING FAMILY CULTURE WITH FOOD.• ASK YOUR RELATIVES OR FRIENDS LIVING IN DIFFERENT STATES ABOUT THEIR FOOD HABITS AND LIST THE FOOD ITEMS THEY USE TO MAKE IN BREAKFAST LUNCH AND DINNER.	<ul style="list-style-type: none">• APPARATUS HANDLING = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
MAY	<ul style="list-style-type: none">• EXAMINING FOOD LABELS.• WRITE DOWN WHAT MAKES A FOOD HEALTHY OR UNHEALTHY. DIFFERENT PACKED FOOD ITEMS TO BE DISTRIBUTED TO DIFFERENT GROUPS. STUDENTS WILL BE ASKED TO READ THE NUTITIONAL VALUES IN THESE FOOD ITEMS IN GROUPS AND RECORD THE OBSERVATION.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION = 2
JUNE	<ul style="list-style-type: none">• BREATHING OF PLANTS.• FILL THE BOWL WITH ROOM TEMPERATURE WATER AND PLACE THE LEAF IN THE BOWL OF WATER. AND PLACE THE SMALL ROCK ON TOP OF THE LEAVE TO FULLY SUBMERGE THE LEAF UNDER THE WATER. PLACE THE BOWL IN A SUNNY SPOT INSIDE OR OUTSIDE. WAIT FOR A FEW HOURS, TO RECORD YOUR OBSERVATION• RAIN GAUGE : MEASUREMENT OF RAINFALL OF EVERY MONTH.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION = 2
JULY	<ul style="list-style-type: none">• MEASURE HEIGHT AND WIDTH OF A LIST OF OBJECTS LIKE DESK , BOOK, ERASER , PEN ETC.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION=2
AUGUST	<ul style="list-style-type: none">• REFLECTION IN A PLANE MIRROR.	
SEPTEMBER	<ul style="list-style-type: none">• CLASSIFICATION OF SUBSTANCES AS CONDUCTOR AND NON CONDUCTOR OF ELECTRICITY.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION=2
OCTOBER	<ul style="list-style-type: none">• EFFECT OF MAGNETIC PROPERTY ON HEATING.	



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI SCIENCE

MONTH	CHAPTERS	RUBRICS
NOVEMBER	<ul style="list-style-type: none">• INVESTING PROPERTIES OF WOOL.	<ul style="list-style-type: none">• APPARATUS HANDLING = 2• OBSERVATION = 1,• CALCULATION = 1• CONCLUSION=1
DECEMBER	<ul style="list-style-type: none">• BLOWING UP A BALLOON WITH THE HELP OF VINEGAR	
JANUARY	<ul style="list-style-type: none">• WASTEWATER MANAGEMENT,• AIR POLLUTION	<ul style="list-style-type: none">• INFORMATION COLLECTION = 2• REPORT PRESENTATION = 2• ORAL PRESENTATION = 1
FEBRUARY	<ul style="list-style-type: none">• BIODEGRADABLE AND NONBIODEGRADABLE WASTE	



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI (CHEMISTRY)

MONTH	ACTIVITIES	RUBRICS
JUNE	<ul style="list-style-type: none">LABORATORY VISIT AND ACQUAINTANCE WITH EQUIPMENT	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1
JULY	<ul style="list-style-type: none">PREPARATION OF M/20 NaOH, M/20 OXALIC ACID AND M/20 SODIUM CARBONATE SOLUTION	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1
AUGUST	<ul style="list-style-type: none">TITRATION	<ul style="list-style-type: none">CONCLUSION = 1
SEPTEMBER	<ul style="list-style-type: none">DETECTION OF ACID AND BASIC RADICAL IN INORGANIC SALT	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1
OCTOBER	<ul style="list-style-type: none">INVESTIGATORY PROJECT	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1
NOVEMBER	<ul style="list-style-type: none">ELEMENT DETECTION IN ORGANIC SAMPLE	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1
DECEMBER	<ul style="list-style-type: none">STUDY OF SHIFT OF EQUILIBRIUM	<ul style="list-style-type: none">THEORY = 2OBSERVATION = 1CALCULATION = 1CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII (CHEMISTRY)

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• PREPARATION OF M/20 OXALIC ACID AND KMNO_4 SOLUTION	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
MAY - JUNE	<ul style="list-style-type: none">• INVESTIGATORY PROJECT	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
JULY	<ul style="list-style-type: none">• DETERMINATION OF STRENGTH OF KMNO_4 BY TITRATION WITH MOHR SALT AND OXALIC ACID	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
AUGUST	<ul style="list-style-type: none">• DETECTION OF ACID AND BASIC RADICAL IN INORGANIC SALT	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
SEPTEMBER	<ul style="list-style-type: none">• DETECTION OF FUNCTIONAL GROUP IN ORGANIC SAMPLE	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
OCTOBER	<ul style="list-style-type: none">• TEST OF CARBOHYDRATE ,PROTEIN AND FAT	<ul style="list-style-type: none">• THEORY = 2• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI (SCIENCE)

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• FOOD : WHERE DOES IT COME FROM
MAY-JUNE	<ul style="list-style-type: none">• COMPONENTS OF FOOD• FIBRE TO FABRIC
JULY	<ul style="list-style-type: none">• SORTING MATERIALS INTO GROUPS• SEPARATION OF SUBSTANCES• CHANGES AROUND US
AUGUST	<ul style="list-style-type: none">• GETTING TO KNOW PLANTS• BODY MOVEMENT
SEPTEMBER	<ul style="list-style-type: none">• THE LIVING ORGANISMS AND THEIR SURROUNDINGS• MOTION AND THEIR MEASUREMENT OF DISTANCES
OCTOBER	<ul style="list-style-type: none">• LIGHT SHADOWS AND REFLECTIONS• BIOMOLECULES
NOVEMBER	<ul style="list-style-type: none">• ELECTRICITY AND CIRCUITS• FUN WITH MAGNET
DECEMBER	<ul style="list-style-type: none">• WATER• AIR AROUND US
JANUARY	<ul style="list-style-type: none">• GARBAGE IN, GARBAGE OUT



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CLASS XI (CHEMISTRY)

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• SOME BASIC CONCEPTS IN CHEMISTRY
JULY	<ul style="list-style-type: none">• ATOMIC STRUCTURE
AUGUST	<ul style="list-style-type: none">• CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
SEPTEMBER	<ul style="list-style-type: none">• CHEMICAL BONDING
OCTOBER	<ul style="list-style-type: none">• CHEMICAL THERMODYNAMICS
NOVEMBER	<ul style="list-style-type: none">• EQUILIBRIUM
DECEMBER	<ul style="list-style-type: none">• REDOX REACTIONS• ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND TECHNIQUES
JANUARY	<ul style="list-style-type: none">• HYDROCARBON
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT-UP SYLLABUS



CLASS XII (CHEMISTRY)

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SOLUTION
MAY-JUNE	<ul style="list-style-type: none">• ELECTROCHEMISTRY
JULY	<ul style="list-style-type: none">• CHEMICAL KINETICS• D & F -BLOCK ELEMENTS
AUGUST	<ul style="list-style-type: none">• COORDINATION CHEMISTRY• HALOALKANES AND HALOARENES
SEPTEMBER	<ul style="list-style-type: none">• ALCOHOLS, PHENOLS AND ETHERS• ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
OCTOBER	<ul style="list-style-type: none">• AMINES• BIOMOLECULES
NOVEMBER	<ul style="list-style-type: none">• REVISION

MEET THE TEACHER

DEEPAK KUMAR



ABOUT ME

NAME-DEEPAK KUMAR PGT (HISTORY)
DOB-08-05-1980
F.NAME-MR BANARASI PRASAD
DOJ IN KVS-26-09-2007 AS TGT (SO.ST.)
DOJ IN PRESENT KV-13-10-2023
INTEREST-PLAYING BADMINTON

SUBJECT TAUGHT

HISTORY IN CLASS XI AND XII , SOCIAL SCIENCE IN CLASS VI

TEACHING PHILOSOPHY

HISTORY AND SOCIAL SCIENCE IS PLAYING A MAJOR ROLE IN THE FORMATION OF HUMAN THOUGHT. AS A TEACHER IT'S MY RESPONSIBILITY TO CONNECT THE STUDENTS FROM THE PAST TO THEIR FUTURE SO THAT THEY CAN DEVELOP A SENSE OF BELONGING AND RESPECT FOR THEIR LAND. IT WILL HELP THEM TO UNDERSTAND HIMSELF IN THE PRESENT.

I BELIEVE THAT EVERY CHILD IS UNIQUE AND HAS THE ABILITY TO UNDERSTAND THINGS ACCORDING TO THEIR MINDSET. SO IT'S MY DUTY TO PROVIDE THEM WITH SUCH AN ENVIRONMENT SO THAT THEY CAN FEEL FREE TO STUDY IN A PRESSURE FREE ENVIRONMENT AND FEEL FREE TO ASK AND DEVELOP THEIR MIND AND SKILLS.

I ALSO BELIEVE THAT PEERS ARE THE MOST IMPORTANT PILLARS OF THE TEACHING LEARNING PROCESS SO I WILL TRY TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN MINGLE WITH OTHERS' THOUGHT PROCESS AND GET BENEFITTED FROM IT. THIS SLOWLY BUILDS A STUDENT'S ABILITY TO REVIEW CLASSES ON THEIR OWN. MY DESIRE IS TO CREATE SUCH AN ENVIRONMENT IN A CLASSROOM WHERE STUDENTS CAN GROW PHYSICALLY, MENTALLY, EMOTIONALLY, AND SOCIALLY. THESE LITTLE ONES ARE THE FUTURE OF OUR NATION SO I WILL TRY TO HELP THEM TO SHAPE THEIR FUTURE.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI SOCIAL SCIENCE

MONTH	ACTIVITIES	RUBRICS/MARKS
APRIL	<ul style="list-style-type: none">PROJECT WORK ON SOLAR SYSTEM	<ul style="list-style-type: none">RESOURCES = 1SUBJECT MATTER = 2PRESENTATION = 1NEATNESS = 1
MAY-JUNE	<ul style="list-style-type: none">SCRAP BOOK ON VISIT TO HISTORICAL PLACE	<ul style="list-style-type: none">OBSERVATION = 2UNDERSTANDING = 1APPLICATION OF = 2 KNOWLEDGE
JULY	<ul style="list-style-type: none">QUIZ	<ul style="list-style-type: none">ALERTNESS = 1THINKING SKILL = 2TIME MANAGEMENT = 1APPLICATION OF = 1 KNOWLEDGE
AUGUST	<ul style="list-style-type: none">SOCIAL SCIENCE EXHIBITION	<ul style="list-style-type: none">COLLECTION OF = 3 INFORMATIONPRESENTATION = 2
SEPTEMBER	<ul style="list-style-type: none">SOCIAL SCIENCE EXHIBITION	
OCTOBER	<ul style="list-style-type: none">MAP SKILLS	<ul style="list-style-type: none">IDENTIFICATION = 2LABELLING AND = 1 ACCURACYPRESENTATION = 1NEATNESS = 1
NOVEMBER	<ul style="list-style-type: none">MAP SKILLS	
DECEMBER	<ul style="list-style-type: none">MAP SKILLS	
JANUARY	<ul style="list-style-type: none">MDPLD	<ul style="list-style-type: none">INQUISTIVENESS = 1RESOURCES = 1SUBJECT MATTER = 2PRESENTATION = 1



SPLIT UP SYLLABUS



CLASS VI SOCIAL SCIENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THEME-1 WRITING AND CITY LIFE
MAY-JUNE	<ul style="list-style-type: none">• THEME-2 AN EMPIRE ACROSS THREE CONTINENTS
JULY	<ul style="list-style-type: none">• THEME-3 NOMADIC EMPIRES
AUGUST	<ul style="list-style-type: none">• THEME-4 THE THREE ORDERS
SEPTEMBER	<ul style="list-style-type: none">• THEME-5 CHANGING CULTURAL TRADITIONS
OCTOBER	<ul style="list-style-type: none">• THEME-5 CHANGING CULTURAL TRADITIONS
NOVEMBER	<ul style="list-style-type: none">• THEME-6 DISPLACING INDIGENOUS PEOPLE
DECEMBER	<ul style="list-style-type: none">• THEME-7 PAHTS TO MODERNISATION
JANUARY	<ul style="list-style-type: none">• THEME-7 PAHTS TO MODERNISATION
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS XI HISTORY

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THEME-1 WRITING AND CITY LIFE
MAY-JUNE	<ul style="list-style-type: none">• THEME-2 AN EMPIRE ACROSS THREE CONTINENTS
JULY	<ul style="list-style-type: none">• THEME-3 NOMADIC EMPIRES
AUGUST	<ul style="list-style-type: none">• THEME-4 THE THREE ORDERS
SEPTEMBER	<ul style="list-style-type: none">• THEME-5 CHANGING CULTURAL TRADITIONS
OCTOBER	<ul style="list-style-type: none">• THEME-5 CHANGING CULTURAL TRADITIONS
NOVEMBER	<ul style="list-style-type: none">• THEME-6 DISPLACING INDIGENOUS PEOPLE
DECEMBER	<ul style="list-style-type: none">• THEME-7 PAHTS TO MODERNISATION
JANUARY	<ul style="list-style-type: none">• THEME-7 PAHTS TO MODERNISATION
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS XII HISTORY

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THEME 1-BRICKS, BEADS AND BONES• THEME2- KINGS, FARMERS AND TOWNS
MAY-JUNE	<ul style="list-style-type: none">• THEME 3- KINSHIP, CASTE AND CLASS• THEME-4- THINKERS, BELIEFS AND BUILDINGS
JULY	<ul style="list-style-type: none">• THEME 5-THROUGH THE EYES OF TRAVELLERS• THEME-6-BHAKTI-SUFI TRADITIONS
AUGUST	<ul style="list-style-type: none">• THEME-7- AN IMPERIAL CAPITAL VIJAYANAGARA• THEME-8- PEASANTS, ZAMINDARS AND THE STATE
SEPTEMBER	<ul style="list-style-type: none">• THEME-9-COLONIALISM AND THE COUNTRYSIDE• THEME-10- REBELS AND THE RAJ
OCTOBER	<ul style="list-style-type: none">• THEME-11- MAHATMA GANDHI AND THE NATIONALIST MOVEMENT
NOVEMBER	<ul style="list-style-type: none">• THEME-11- FRAMING THE CONSTITUTION
DECEMBER	<ul style="list-style-type: none">• REVISION AND IST PRE-BOARD
JANUARY	<ul style="list-style-type: none">• REVISION AND IIND PRE-BOARD
FEBRUARY	<ul style="list-style-type: none">• REVISION

शिक्षक से मिलें हरकेश गुप्ता



मेरे बारे में

हरकेश गुप्ता
परास्नातक शिक्षक हिंदी

विषय पढ़ाया गया

कक्षा ग्यारहवीं और बारहवीं की हिंदी

शिक्षण दर्शन

मेरा विश्वास है कि विद्यार्थी देखकर और उसे अमल में लाकर सीखता है। अतः मैं अपने विद्यार्थियों के समक्ष प्रथम उदाहरण मेरा ही रखता हूँ। जिस दिन मैं कक्षा में बहुत ऊर्जावान होता हूँ, उस दिन वह सब भी बहुत उत्साहित होते हैं। जिस दिन मेरा उत्साह कम होता है उस दिन वह भी कम उत्साहित होते हैं।

अतः एक अध्यापक अपने बच्चों को जो कुछ सिखाना चाहता है, वह न केवल वैसा बोले बल्कि वैसा आचरण भी करें, क्योंकि बच्चे बोली हुई बातों से अधिक की गई गतिविधियों से ज्यादा प्रभावित होते हैं। उनके समक्ष की गई गतिविधियों द्वारा सीखा गया ज्ञान उनके मानस पटल पर बहुत दिनों तक अंकित रहता है।

अतः मेरे शिक्षक दर्शन की निम्नलिखित प्राथमिकताएं होगी -

नैतिक मूल्यों का विकास करना।

हमारे द्वारा अर्जित ज्ञान और अनुभव से उन्हें लाभान्वित करना।

धैर्य और संतोष का विकास करना।

उनका प्रकृति से लगाव करवाना।

लुप्त होती कलाओं की तरफ ध्यान आकर्षित करना।

सहानुभूति व समानुभूति का विकास करना।

मेरा विश्वास है कि विद्यार्थी के जीवन में एक अध्यापक महत्वपूर्ण भूमिका निभाता है। अपने शिक्षण सिद्धांतों पर मैं स्वयं चलता हूँ जिससे विद्यार्थी भी खुशी-खुशी मेरे साथ चल पड़ते हैं। अधिगम के समय संपूर्ण इकाई व महत्वपूर्ण बिंदुओं को दो-तीन बार दोहराया जाता है ताकि विद्यार्थी अच्छे से समझ सकें। उसके पश्चात भी यदि विद्यार्थी को कोई शंका होती है तो उसकी शंका का समाधान किया जाता है।



विषय संवर्धन गतिविधि



कक्षा - छठी से आठवीं विषय संवर्धन क्रिया कलाप

माह	क्रियाकलाप	मूल्यांकन क्षेत्र
अप्रैल	भाषण वितरण	<ul style="list-style-type: none">• उच्चारण 2 अंक• विषय संबंधित सामग्री 2 अंक• आत्मविश्वास 1 अंक
जुलाई	संवाद	<ul style="list-style-type: none">• उच्चारण 2 अंक• प्रवाह गति 2 अंक• आत्मविश्वास 1 अंक
अगस्त	आशुभाषण	<ul style="list-style-type: none">• उच्चारण 2• विषय संबंधित सामग्री 2• आत्मविश्वास 2• समय प्रवाह 1
सितम्बर	देखो और बताओ	<ul style="list-style-type: none">• प्रासंगिकता 2 अंक• वाक्यों का गठन 2 अंक• समग्र प्रभाव 1 अंक
नवम्बर	काव्य पाठ	<ul style="list-style-type: none">• आरोह अवरोह 2 अंक• प्रस्तुतीकरण 2 अंक• समग्र प्रभाव 1 अंक



पाठ्यक्रम विभाजन



कक्षा आठवीं हिंदी

माह	अध्याय
अप्रैल	<ul style="list-style-type: none">लाख की चूड़ियां, बस की यात्रा, अहमदनगर का किला
मई - जून	<ul style="list-style-type: none">दीवानों की हस्ती, अपठित गद्यांश
जुलाई	<ul style="list-style-type: none">अपठित पद्यांश, भगवान के डाकिए, क्या निराश हुआ जाए, तलाश, अनुच्छेद लेखन
अगस्त	<ul style="list-style-type: none">यह सबसे कठिन समय नहीं, कबीर की साखियां, पत्र
सितम्बर	<ul style="list-style-type: none">पठित गद्यांश, सुदामा चरित, सिंधुघाटी की सभ्यता, पठित पद्यांश
अक्टूबर	<ul style="list-style-type: none">जहां पहिया है, युगों का दौर, निबंध
नवंबर	<ul style="list-style-type: none">अकबरी लोटा, सूर के पद, नई समस्याएं, अंतिम दौर एक
दिसंबर	<ul style="list-style-type: none">पानी की कहानी, अंतिम दौर - 2, संवाद
जनवरी	<ul style="list-style-type: none">बाज़ और सांप, तनाव, दो पृष्ठभूमियां
फरवरी	<ul style="list-style-type: none">पुनरावृत्ति कार्य



पाठ्यक्रम विभाजन



कक्षा ग्यारहवीं हिंदी

माह	अध्याय
जुलाई	<ul style="list-style-type: none">• नमक का दारोगा (प्रेमचंद)• मियां नसीरुद्दीन (कृष्णा सोबती)• अपठित गद्यांश – जन संचार और पत्रकारिता
अगस्त	<ul style="list-style-type: none">• कबीर (पद-1)• अप्पू के साथ ढाई साल (सत्यजीत राय)• भारतीय गायिकाओं में बेजोड़ लता मंगेशकर (कुमार गंधर्व)• अपठित गद्यांश – जन संचार और पत्रकारिता
सितंबर	<ul style="list-style-type: none">• विदाई संभाषण (बालमुकुंद गुप्त)• मीरा (पद-1)• घर की याद (भवानी प्रसाद मिश्र)• राजस्थान की रजत बूंदे (अनुपम मिश्र)• औपचारिक पत्र लेखन – दी गई घटना के आधार पर रचनात्मक लेखन
अक्टूबर	<ul style="list-style-type: none">• गलता लोहा (शेखर जोशी)• चम्पा काले-काले अच्छर नहीं चीन्हती (त्रिलोचन शास्त्री)• डायरी लेखन, कथा पटकथा, लेखन
नवंबर	<ul style="list-style-type: none">• रजनी (मनू भण्डारी)• गजल (दुष्यंत कुमार)• आलो आंधारि (बेबी हालदार)• व्यावहारिक लेखन (प्रतिवेदन, प्रेस विज्ञप्ति, परिपत्र, कार्यवृत्त)• अर्द्धवार्षिक परीक्षा
दिसंबर	<ul style="list-style-type: none">• जामुन का पेड़ (कृष्ण चन्दर)• अक्क महादेवी (वचन)• स्ववृत्त लेखन, रोजगार संबंधी आवेदन-पत्र, शब्दकोश परिचय, संदर्भ ग्रन्थों की उपयोगी विधि और परिचय
जनवरी	<ul style="list-style-type: none">• भारत माता (जवाहर लाल नेहरू)• सबसे खतरनाक (अवतार सिंह पाश)• स्ववृत्त लेखन, रोजगार संबंधी आवेदन-पत्र, शब्दकोश परिचय, संदर्भ ग्रन्थों की उपयोगी विधि और परिचय
फरवरी	<ul style="list-style-type: none">• 16 आओ मिलकर बचाएं (निर्मला पुतुल)• मौखिकी (श्रवण और वाचन कौशल) और सत्रांत परीक्षा हेतु पुनरावृत्ति



पाठ्यक्रम विभाजन



कक्षा बारवी हिंदी

माह	अध्याय
अप्रैल -मई	<p>काव्य खंड - आत्मपरिचय एवं एक गीत - हरिवंश राय बच्चन</p> <p>गद्य खंड - भक्तिन - महादेवी वर्मा बाजार दर्शन - जैनेन्द्र कुमार</p> <p>विभिन्न माध्यमों के लिए लेखन परिचर्चा , प्रश्नोत्तरी, रचनात्मक लेखन, अलंकार एवं बिंब सौन्दर्य</p>
जून	<p>पतंग - आलोक धन्वा सिल्वर वैडिंग - मनोहर श्याम जोशी पतंग उड़ाने के अनुभव का कथन</p>
जुलाई	<p>काव्य खंड - कविता के बहाने बात सीधी थी पर (कुँवर नारायण) गद्य खंड - काले मेघा पानी दे - धर्मवीर भारती पहलवान की ढोलक - फणीश्वर नाथ रेणु</p> <p>पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया कवितापाठ, 'विज्ञान और विश्वास' विषय पर विचार-अभिव्यक्ति, पात्रों का चरित्र चित्रण</p>
अगस्त	<p>काव्य खंड - कैमरे में बंद अपाहिज (रघुवीर सहाय) गद्य खंड - शिरीष के फूल - हजारी प्रसाद द्विवेदी जूझ - आनंद यादव</p> <p>विशेष लेखन - स्वरूप और प्रकार - दिव्यांगों के अधिकारों की चर्चा, जन जागरूकता में मीडिया की सकारात्मक भूमिका (चर्चा)</p>
सितम्बर	<p>काव्य खंड - बादल राग (सूर्यकान्त त्रिपाठी 'निराला') उषा- शमशेर बहादुर सिंह रुबाइयाँ -फ़िराक गोरखपुरी अतीत में दबे पाँव - ओम थानवी</p> <p>कैसे करें कहानी का नाट्य रूपांतरण पीपीटी, एनीमेटेड वीडियो रस परिचय (वात्सल्य) बादल के जीवनदाता और क्रांति के रूप को समाज के समान विकास के परिप्रेक्ष्य में बताना</p>
अक्टूबर	<p>काव्य खंड - कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप - तुलसीदास छोटा मेरा खेत बगुलों के पंख</p> <p>कैसे बनता है रेडियो नाटक मूल 'रामचरितमानस' का प्रयोग दृश्य सामग्री/ वीडियो कृषिकार्य और कविता लेखन कार्य का चार्ट माध्यम से तुलनात्मक विवेचन ।</p>
नवम्बर	<p>गद्य खंड - श्रम विभाजन और जाति प्रथा मेरी कल्पना का आदर्श समाज बाबा साहेब भीमराव आंबेडकर</p> <p>अपठित गद्यांश और अपठित पद्यांश नए और अप्रत्याशित विषयों पर लेखन , पाठाधारित बिन्दुओं पर कक्षा स्तरीय वाद - विवाद आदर्श समाज' और वर्तमान समाज' का पोस्टर माध्यम से प्रस्तुतीकरण</p>

MEET THE TEACHER

NAVEEN KUMAR GUPTA



ABOUT ME

I AM NAVEEN KUMAR GUPTA WORKING AS PGT-ECONOMICS IN KV NO 2 KANCHRAPARA. I AM MA IN ECONOMICS AND B.ED. EXCEPT IT I AM A GRADUATE IN LAW FROM UNIVERSITY OF LUCKNOW. I JOINED THE SANGTHAN IN MARCH 2012. AND I JOINED THIS POST IN OCT 2023 IN THIS SCHOOL.

SUBJECT TAUGHT

ECONOMICS IN CLASS XI COMMERCE & SOCIAL SCIENCE IN CLASS VIII

TEACHING PHILOSOPHY

MY GOAL IS TO ENCOURAGE AND TRAIN STUDENTS TO BUILD STUDY HABITS AT SCHOOL AND AT HOME. I INCLUDE DISCUSSIONS DURING MY CLASS AND TRY TO BUILD COOPERATION BETWEEN THE STUDENTS SO THAT THEY CAN EXCHANGE THEIR OWN IDEAS AND UNDERSTAND DIFFERENT PERSPECTIVES OF THE SAME CONTENT. WITH TIME STUDENTS CREATE A BOND BETWEEN THEMSELVES AND THAT IS VERY GOOD FOR THE OVERALL GROWTH OF THE CLASS. THIS SLOWLY BUILDS A STUDENT'S ABILITY TO REVIEW THE CLASSROOM WORK ON THEIR OWN. I ALSO ENCOURAGE THEM TO PRESENT THEMSELVES BEFORE THEIR COMRADES SO THAT THEY MAY DEVELOP CONFIDENCE AND LOVE/INTEREST IN THE SUBJECT INTO THEMSELVES.

THE YOUNGER GENERATION IS OUR FUTURE AND IT IS MY HONOUR TO HELP THEM IN SHAPING THEIR FUTURE WITH EVERYTHING I CAN INSIDE THE CLASSROOM AND OUTSIDE AS WELL. I OFTEN TAKE SMALL CLASSROOM TESTS (ORAL) DEPENDING ON THE PREVIOUS DAY'S LESSON. THIS HELPS ME TO UNDERSTAND IF THE STUDENTS ARE RETAINING THE LESSONS. IN CASE THE STUDENTS ARE UNABLE TO RETAIN THE LESSONS, I TRY TO SHIFT MY APPROACH OF TEACHING WHICH IS EASILY UNDERSTANDABLE FOR ALL THE STUDENTS.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VIII SOCIAL SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• LEARNER'S DIARY	WRITING OF THE EXPERIENCES THAT THEY HAVE AFTER STUDYING THE TOPIC = (10)
MAY-JUNE	<ul style="list-style-type: none">• PROJECT WORK- MULTI-DISPLINERY PROJECT ASSIGNED TO THEM AS PER KVS NORMS	<ul style="list-style-type: none">• CONTENT MATTER = (5)• PRESENTATION = (3)• CERTIFICATE, BIBLIOGRAPHY ETC = (2)
JULY	<ul style="list-style-type: none">• ORAL/WRITTEN QUIZ	<ul style="list-style-type: none">• ACCURACY & KNOWLEDGE = (5)
AUGUST	<ul style="list-style-type: none">• MAP ACTIVITY	<ul style="list-style-type: none">• ACCURACY & KNOWLEDGE = (5)
SEPTEMBER	<ul style="list-style-type: none">• NOTEBOOK	<ul style="list-style-type: none">• HANDWRITING AND NEATNESS = (5)
OCTOBER	<ul style="list-style-type: none">• CLASS WORK/HOLIDAY HOMEWORK	<ul style="list-style-type: none">• TIMELY SUBMISSION & NEATNESS = (5)



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CLASS XI COMMERCE

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• INTRODUCTION TO STATICS• INTRODUCTION TO MICRO ECONOMICS
JULY	<ul style="list-style-type: none">• INTRODUCTION TO STATICS• INTRODUCTION TO MICRO ECONOMICS
AUGUST	<ul style="list-style-type: none">• INTRODUCTION TO STATICS• INTRODUCTION TO MICRO ECONOMICS
SEPTEMBER	<ul style="list-style-type: none">• COLLECTION, ORGANISATION, AND PRESENTATION OF DATA• CONSUMER'S EQUALIBIRIUM
OCTOBER	<ul style="list-style-type: none">• COLLECTION, ORGANISATION, AND PRESENTATION OF DATA• CONSUMER'S EQUALIBIRIUM
NOVEMBER	<ul style="list-style-type: none">• COLLECTION, ORGANISATION, AND PRESENTATION OF DATA• CONSUMER'S EQUALIBIRIUM
DECEMBER	<ul style="list-style-type: none">• STATISTICAL TOOLS AND INTERPRETATION• PRODUCER BEHAVIOUR AND SUPPLY• FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATION
JANUARY	<ul style="list-style-type: none">• STATISTICAL TOOLS AND INTERPRETATION• PRODUCER BEHAVIOUR AND SUPPLY• FORMS OF MARKET AND PRICE DETERMINATION UNDER PERFECT COMPETITION WITH SIMPLE APPLICATION
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT UP SYLLABUS



CLASS XII COMMERCE

MONTH	ACTIVITIES
APRIL	<ul style="list-style-type: none">• NATIONAL INCOME AND RELATED AGGREGATES• DEVELOPMENT EXPERIENCE(1947-90) & ECONOMIC REFORMS SINCE 1991
MAY	<ul style="list-style-type: none">• NATIONAL INCOME AND RELATED AGGREGATES• DEVELOPMENT EXPERIENCE(1947-90) & ECONOMIC REFORMS SINCE 1991
JUNE	<ul style="list-style-type: none">• MONEY AND BANKING• DEVELOPMENT EXPERIENCE(1947-90) & ECONOMIC REFORMS SINCE 1991
JULY	<ul style="list-style-type: none">• MONEY AND BANKING• DEVELOPMENT EXPERIENCE(1947-90) & ECONOMIC REFORMS SINCE 1991
AUGUST	<ul style="list-style-type: none">• DETERMINATION OF INCOME AND EMPLOYMENT• CURRENT CHALLENGES FACING INDIAN ECONOMY
SEPTEMBER	<ul style="list-style-type: none">• DETERMINATION OF INCOME AND EMPLOYMENT• CURRENT CHALLENGES FACING INDIAN ECONOMY
OCTOBER	<ul style="list-style-type: none">• GOVERNMENT BUDGET AND ECONOMY• DEVELOPMENT EXPERIENCE OF INDIA : A COMPARISION WITH NEIGHBOURS
NOVEMBER	<ul style="list-style-type: none">• BALANCE OF PAYMENT• DEVELOPMENT EXPERIENCE OF INDIA : A COMPARISION WITH NEIGHBOURS
DECEMBER	<ul style="list-style-type: none">• DEVELOPMENT EXPERIENCE OF INDIA : A COMPARISION WITH NEIGHBOURS



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CLASS VIII SOCIAL SCIENCE

MONTH	ACTIVITIES
APRIL /MAY	<ul style="list-style-type: none">• HOW, WHEN AND WHERE• THE INDIAN CONSTITUTION• RESOURCES
JUNE/JULY	<ul style="list-style-type: none">• FROM TRADE TO TERRITORY THE COMPANY ESTABLISHES POWER• UNDERSTANDING SECULARISM• LAND, SOIL, WATER, NATURAL VEGETATION AND WILDLIFE RESOURCES
AUGUST	<ul style="list-style-type: none">• RULING THE COUNTRYSIDE• PARLIAMENT AND THE MAKING OF LAWS• AGRICULTURE
SEPTEMBER	<ul style="list-style-type: none">• TRIBALS, DIKUS AND THE VISION OF A GOLDEN AGE• JUDICIARY
OCTOBER /NOVEMBER	<ul style="list-style-type: none">• WHEN PEOPLE REBEL 1857 AND AFTER
NOVEMBER	<ul style="list-style-type: none">• CIVILISING THE "NATIVE", EDUCATING THE NATION• UNDERSTANDING MARGINALISATION• INDUSTRIES
DECEMBER	<ul style="list-style-type: none">• WOMEN, CASTE AND REFORM• CONFRONTING MARGINALISATION• HUMAN RESOURCES
JAN + FEB	<ul style="list-style-type: none">• THE MAKING OF THE NATIONAL MOVEMENT: 1870S–1947• PUBLIC FACILITIES• LAW AND SOCIAL JUSTICE

MEET THE TEACHER

SHYAM CHAND MAJUMDER



ABOUT ME

I AM SHYAM CHAND MAJUMDER, TGT-AE. I AM WORKING IN KV2 KANCHRAPARA FROM 6TH OCTOBER, 2016

SUBJECT TAUGHT

I TEACH THE SUBJECT OF ART EDUCATION TO THE CLASSES 3 TO 10

TEACHING PHILOSOPHY

EVERY CHILD IS UNIQUE. I WAS AWARE OF THIS BEFORE ALSO. IT CAME TO ME IN TRUE SENSE WHEN I STARTED TEACHING. AS AN ART TEACHER I KNOW THAT EVERY CHILD HAS THEIR OWN STYLE OF WORK, OWN WAY OF APPLICATION OF SKILLS AND EXPRESSING CREATIVITY.

LIKE ALL OTHER SUBJECTS, ART ALSO HAS CERTAIN GRAMMER AND METHODS. ART EDUCATION BEING AN IMPORTANT PART OF HOLISTIC DEVELOPMENT OF A CHILD GIVES ME AN OPPORTUNITY TO PLAY MY PART IN DEVELOPING MY STUDENTS' CREATIVE SENSES AND SKILLS.

I USE ACTIVITY METHOD, JOYFUL LEARNING, LEARNING BY DOING TO ENGAGE THE STUDENTS IN LEARNING AND EXPLORING ART.

I OFTEN CREATE VIDEOS OF ARTWORK BY MY OWN KEEPING IN MIND THE NEEDS OF INCLUSIVE CLASSROOM.

I BELIEVE IN KEEPING FRIENDLY RELATIONSHIP WITH THE STUDENTS/CHILDREN AS I BELIEVE THAT ART IS NOT ONLY A SUBJECT TO LEARN BUT ALSO SOMETHING TO GET PLEASURE IN DOING IT. THIS ALSO ALLOWS THE STUDENTS TO SHARE THEIR THOUGHTS, SUCCESSES AND WEAKNESSES WITH THE TEACHER.



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CLASS VI ART EDUCATION

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• GEOMETRICAL SHAPES. FORMS, DESIGNS ETC.
MAY-JUNE	<ul style="list-style-type: none">• PRINT MAKING: BLOCK PRINTING
JULY	<ul style="list-style-type: none">• PAPER COLLAGE
AUGUST	<ul style="list-style-type: none">• MASK MAKING: PAPER MASK – 2D
SEPTEMBER	<ul style="list-style-type: none">• DRAWING AND PAINTING: BASIC KNOWLEDGE OF DRAWING AND PAINTING
OCTOBER	<ul style="list-style-type: none">• CLAY MODELLING: FREE HAND CLAY MODELLING
NOVEMBER	<ul style="list-style-type: none">• BASIC STROKES
DECEMBER	<ul style="list-style-type: none">• GEOMETRICAL DESIGN
JANUARY	<ul style="list-style-type: none">• MEMORY DRAWING
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS VII ART EDUCATION

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SKETCHING: FREE HAND SKETCH (INDOOR.... OUTDOOR).
MAY-JUNE	<ul style="list-style-type: none">• PRINT MAKING: HAND PRINTING...FINGER PRINTING. ETC.
JULY	<ul style="list-style-type: none">• COLLAGE: MIXED COLLAGE
AUGUST	<ul style="list-style-type: none">• MASK MAKING: MIXED MATERIAL...2D..3D.
SEPTEMBER	<ul style="list-style-type: none">• DRAWING AND PAINTING: COLOUR THEORY. PRIMARY AND SECONDARY COLORS..
OCTOBER	<ul style="list-style-type: none">• CLAY MODELLING: COIL TECHNIQUE
NOVEMBER	<ul style="list-style-type: none">• LETTERING..... CARD MAKING
DECEMBER	<ul style="list-style-type: none">• DECORATIVE...MOTIF...
JANUARY	<ul style="list-style-type: none">• MEMORY DRAWING: TOPIC BASED...
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS VIII ART EDUCATION

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SKETCHING: FREE HAND SKETCH....FIGURATIVE SKETCH. LINE DRAWING ETC.
MAY-JUNE	<ul style="list-style-type: none">• PRINT MAKING: MONO PRINTING ETC.
JULY	<ul style="list-style-type: none">• COLLAGE: MIXED COLLAGE
AUGUST	<ul style="list-style-type: none">• MASK MAKING: MIXED MATERIAL...2D..3D. EXPRESSIONS
SEPTEMBER	<ul style="list-style-type: none">• DRAWING AND PAINTING: COMPOSITIONS.
OCTOBER	<ul style="list-style-type: none">• CLAY MODELLING: PLATE TECHNIQUE.... RELIEF WORKS
NOVEMBER	<ul style="list-style-type: none">• CALLIGRAPHY: LETTERING,THOUGHTS,QUOTATION WRITING... CARD MAKING
DECEMBER	<ul style="list-style-type: none">• PATTERNS. 2D
JANUARY	<ul style="list-style-type: none">• GROUP PAINTING
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS IX ART EDUCATION

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SKETCHING: PERSPECTIVE, BASIC PLANS, ELEVATIONS.
MAY-JUNE	<ul style="list-style-type: none">• PRINT MAKING: MONO PRINTING ETC. STENCIL...SPRY....
JULY	<ul style="list-style-type: none">• COLLAGE: MIXED COLLAGE
AUGUST	<ul style="list-style-type: none">• MASK MAKING: MIXED MATERIAL...2D .3D. EXPRESSIONS.
SEPTEMBER	<ul style="list-style-type: none">• DRAWING AND PAINTING: CREATIVE PAINTING BASED ON TOPICS
OCTOBER	<ul style="list-style-type: none">• CLAY MODELLING: CLAY / POP WORKS
NOVEMBER	<ul style="list-style-type: none">• CALLIGRAPHY: POSTER MAKING ON AWARENESS, CONSERVATIONS ETC.
DECEMBER	<ul style="list-style-type: none">• DESIGN: RANGOLI... FLORAL. PAPER...
JANUARY	<ul style="list-style-type: none">• GROUP ACTIVITY: MURAL PAINTING. DISPLAY OF ART WORKS.
FEBRUARY	<ul style="list-style-type: none">• REVISION



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CLASS X ART EDUCATION

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SKETCHING: CARTOONS... LINE ART... FREE HAND SKETCHING
MAY-JUNE	<ul style="list-style-type: none">• PRINT MAKING: STENCIL CUTTING AND SPRAY
JULY	<ul style="list-style-type: none">• COLLAGE: MIXED COLLAGE
AUGUST	<ul style="list-style-type: none">• MASK MAKING: MIXED MATERIAL...2D. 3D EXPRESSIONS
SEPTEMBER	<ul style="list-style-type: none">• DRAWING AND PAINTING: COMPOSITIONS... PICTORIAL AND ILLUSTRATIONS
OCTOBER	<ul style="list-style-type: none">• CLAY MODELLING: MOULDING ... POP ... PAPER MACHE. CLAY RELIEF WORKS
NOVEMBER	<ul style="list-style-type: none">• CALLIGRAPHY: POSTER DESIGNING... CARD MAKING....
DECEMBER	<ul style="list-style-type: none">• DESIGN: PAPER DESIGNS...THERMOCOL DESIGN. ETC.
JANUARY	<ul style="list-style-type: none">• GROUP ACTIVITY: MURAL PAINTING
FEBRUARY	<ul style="list-style-type: none">• REVISION

MEET THE TEACHER

RANJIT DALAL



ABOUT ME

MYSELF RANJIT DALAL TGT(P&HE) , I AM A B.COM (HONS) B.P.ED WORKING AS A PHYSICAL EDUCATION TEACHER FROM LAST 24 YEARS IN SEVERAL STATIONS IN INDIA. NOW I'M WORKING IN KV NO. 2 KANCHRAPARA, WEST BENGAL AS A PHYSICAL EDUCATION TEACHER AND TEACHING IN CLASS 11 AND 12.

SUBJECT TAUGHT

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SUBJECT ENRICHMENT ACTIVITIES



CLASS XI PHYSICAL ACTIVITY TRAINER

MONTH	ACTIVITIES	RUBRICS
APRIL- MAY- JUNE	<ul style="list-style-type: none">• INTERACTIVE DISCUSSION.• EXERCISE DEMONSTRATION• NUTRITION EDUCATION• SKILL BUILDING ACTIVITIES• FITNESS ASSESSMENT	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
JULY AUGUST	<ul style="list-style-type: none">• JUMP ROPE• HULA HOOPS• CONE MARKERS• BALANCE BOARD• YOGA MAT• FOAM ROLLER.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
SEPTEMBER OCTOBER	<ul style="list-style-type: none">• HYGIENE DEMONSTRATION• GERM SPREAD SIMULATION• PERSONAL HYGIENE CHECKLIST SAFETY DRILLS• SAFETY HAZARD IDENTIFICATION• HEALTHY EATING HABITS POSTERS.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
NOVEMBER DECEMBER	<ul style="list-style-type: none">• SPORTS TRIVIA• FITNESS CHALLENGES• NUTRITION EDUCATION• SPORTS DOCUMENTARY• CIRCUIT TRAINING• TEAM BUILDING ACTIVITIES• FITNESS ASSESSMENT• SPORTS CULTURE	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII PHYSICAL ACTIVITY TRAINER

MONTH	ACTIVITIES	RUBRICS
APRIL- MAY- JUNE	<ul style="list-style-type: none">• ARRANGE GUEST SPEAKER• SPORTS FACILITIES DESIGN• SPORTS CURRENT EVENT• ATHLETE PROFILE• SPORTS TECHNOLOGY SHOWCASE• FITNESS AND WELLNESS WORKSHOP• CAREER EXPLORATION FARE	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
JULY AUGUST	<ul style="list-style-type: none">• FITNESS TESTING• SKILL DEMONSTRATION• PERFORMANCE ANALYSIS• PORTFOLIO ASSESSMENT• PROJECT BASED ASSESSMENT• GAME ANALYSIS	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
SEPTEMBER OCTOBER	<ul style="list-style-type: none">• EMERGENCY RESPONSE DRILL• FIRST AID TRAINING• MOCK INJURY• SIMULATIONS• SOLE PLAYING EXERCISE• SAFETY EQUIPMENT• EMERGENCY COMMUNICATION	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1
NOVEMBER DECEMBER	<ul style="list-style-type: none">• PLAYGROUND CLEANLINESS• HAND HYGIENE RELAY• GERM TAG GAME• HEALTHY SNACKS STATION• HYDRATION STATION• HEALTHY AND HYGIENE POSTER	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• COLLABORATION =1• CREATIVITY = 1• PHYSICAL FITNESS = 1



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CLASS XI PHYSICAL ACTIVITY TRAINER

MONTH	CHAPTERS
APRIL	1. PHYSICAL, MENTAL, EMOTIONAL AND SOCIAL HEALTH 2. FACTORS AFFECTING PHYSICAL FITNESS, INFLUENCE OF SPORTS, INFLUENCE OF SOCIETY.
MAY-JUNE	1. MACRO AND MICRO PLANING. YOGA PLANING. LESSION PLANS FOR VARIOUS PHYSICAL ACTIVITIES. 2. SELECTION OF PROPS AND EQUIPMENT. THE PURPOSE, IMPORTANCE OF PROPS AND EQUIPMENTS AND ALSO SELECTION.
JULY	1. INSPECTION OF PLAYFIELDS, MAINTENANCE OF SPORTS FACILITIES.
AUGUST	1. MAINTENANCE OF HYGIENE IN PLAY AREA. FIRST AID, BREATHING DIFFICULTIES, CHOKING CONCEPT OF FIRST AID KIT
SEPTEMBER	TYPES OF SPORTS INJURIES AND THEIR PREVENTION. REHABILITATION OF SPORTS INJURIES AND ITS EXERCISE
OCTOBER	HEALTH AND PHYSICAL FITNESS AND ITS BENEFIT STAGES OF TEAM SELECTION, TALENT DETECTION IN DIFFERENT GAMES.
NOVEMBER	ORGANISING SPORTS DAY ORGANIZING TOURNAMENT (PRE AND POSTO)
DECEMBER	AEROBIC CAPACITY. ANAEROBIC CAPACITY, STRENGTH, FLEXIBILITY, WARMING UP, BENEFITS OF PROPER WARMING UP.
JANUARY	REVISION ALL FOUR UNIT



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CLASS XI PHYSICAL ACTIVITY TRAINER

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• COACHING, SPORTS MANAGEMENT, SPORTS JOURNALISM, SPORTS MEDICINE, SPORTS PSYCHOLOGY AND SPORTS NUTRITION
MAY-JUNE	<ul style="list-style-type: none">• PHYSICAL ACTIVITY GAMES, SPORTS, RECREATION, DEALING WITH FAILURES, IMPORTANCE OF HARDWORKING, SACRIFICE LEARNING DISCIPLINE, TIME MANAGEMENT.
JULY	<ul style="list-style-type: none">• MEANING OF ASSESSMENT AND TYPES, FACTORS INFLUENCE ASSESSMENT, ASSESSMENT TOOLS, TYPES OF EVALUATION.• MEANING & STEPS IN QUALITATIVE AND QUANTITATIVE ASSESSMENT.
AUGUST	<ul style="list-style-type: none">• ELEMENTS OF TEACHING PROCESS, ONGOING EVALUATION, FACTORS FOR IMPARTING HIGH QUALITY PHYSICAL EDUCATION, ORGANISING AN EVALUATION PLAN.• PARENTS TEACHER MEETING, INTERACTION WITH PARENTS POST ASSESSMENT, PERFORMANCE EVALUATION IMPROVE OF SLOW LEARNERS
SEPTEMBER	<ul style="list-style-type: none">• MEANING OF EMERGENCY NEED OF EMERGENCY LIKE HEAT STROKE AND ALLERGY ASTHMA AND SUDDEN CARDIAC ATTACK.
OCTOBER	<ul style="list-style-type: none">• FIRST AID, BASIC SPORTS INJURIES, CONCEPT OF FIRST AID KIT, R.I.C.E, EQUAL OPPORTUNITIES, FIRST AID PROCEDURE
NOVEMBER	<ul style="list-style-type: none">• MAINTENANCE OF PLAYERS HEALTH AND HYGIENE.• GENERAL HYGIENE AND SANITATION RULES.• HYGIENE TIPS
DECEMBER	<ul style="list-style-type: none">• INSPECTION AND MAINTENANCE OF SPORTS FACILITIES AND KITS.• PERSONAL ITEMS AND KITS INSPECTION.• MAINTENANCE OF HYGIENE IN PLAY AREA.
JANUARY	<ul style="list-style-type: none">• REVISION ALL FOUR UNIT

आचार्येण सह मिलतु आनन्द मोहन झा



मम विषये

मम नाम आनन्दमोहन झा अस्ति, अहं संस्कृत विषय : प्रशिक्षितः स्नातकशिक्षकः अस्मि अहं मधुबनीमण्डलस्य अस्मि च 06 सितम्बर 2019 दिनाङ्के केन्द्रीयविद्यालयसङ्गठनस्य सदस्यः अभवम्।

विषय पाठित

अहं षष्ठतः अष्टमपर्यन्तं संस्कृतविषयस्य शिक्षकः अस्मि

दर्शनशास्त्रस्य अध्यापनम्

"अहं सर्वदा सुनिश्चितं करोमि यत् मम पाठेषु बहुविधाः शिक्षणमार्गाः समाविष्टाः सन्ति येन छात्राः स्वस्य इष्टशिक्षणशैल्याः माध्यमेन शिक्षन्ति। छात्राः सर्वोत्तमरूपेण शिक्षन्ति यदा ते स्वस्य शिक्षणे सक्रियरूपेण संलग्नाः भवन्ति। निष्क्रियदृष्टिकोणाः यत्र छात्राः शिक्षककेन्द्रितपाठानां समये टिप्पणीं कुर्वन्ति शृण्वन्ति च न तु गहनशिक्षणाय यथा अनुकूलं यथा छात्राः आविष्कारद्वारा शिक्षणं कुर्वन्ति। अहं सर्वदा अपेक्षयामि यत् मम छात्राः कक्षायां ध्यानं दद्युः। केन्द्रीकरणाय, संलग्नतायै च सज्जाः भवन्तु। अहं प्रायः मम छात्रान् स्वलक्ष्यं निर्धारयितुं प्रतिदिनं स्वलक्ष्यसाधनाय पदानि ग्रहीतुं च पृच्छामि। मम कक्षासु मातापितरौ आमन्त्रयितुं मम बहु रोचते। अहं एतत् करोमि यत् ते शिक्षणस्य भागिनः इति अनुभवन्ति। मया स्वयमेव लक्ष्यं निर्धारितं यत् सम्पूर्णं विद्यालयस्य अवधिपर्यन्तं सर्वेषां मातापितृणां सम्पर्कं कृत्वा तेषां वचनं श्रुत्वा तेषां गहनज्ञानात् शिक्षितुं शक्नोमि बालकाः। अहं कक्षाः निर्मामि ये छात्रान् स्वयमेव निर्णयं कर्तुं सशक्तं कुर्वन्ति अतः तेषां आत्मविश्वासः चिन्तनकौशलं च विकसितं भवति। अहं मम छात्रान् ज्ञातुं यथाशक्ति प्रयतन्ते येन अहं तेषां आवश्यकताः सर्वोत्तमरूपेण पूरयितुं शक्नोमि। अहं न केवलं तेषां संज्ञानात्मकविकासे अपितु तेषां भावनात्मकसामाजिककल्याणस्य अपि ध्यानं ददामि, यत् शिक्षणार्थं समानरूपेण आवश्यकम् अस्ति। अहं एकः शिक्षकः भवितुम् आकांक्षामि यः मया सम्मुखीकृतेषु सर्वेषु छात्रेषु शिक्षणस्य, विश्लेषणस्य, समीक्षात्मकचिन्तनस्य च प्रेमं प्रवर्तयति। अहं मन्ये यत् छात्राः यदा प्रामाणिकसन्दर्भेषु शिक्षन्ति तदा सर्वोत्तमरूपेण शिक्षन्ति। वास्तविकसमस्यानिराकरणद्वारा शिक्षणेन ते ज्ञानस्य मूल्यं आविष्करोति। अहं लेव वायगोत्स्की इत्यनेन प्रेरितस्य सामाजिक-सांस्कृतिकशिक्षणदर्शनस्य अनुसरणं करोमि। एतत् दर्शनं छात्रैः सह संवादं कृत्वा चुनौतीपूर्णानि परन्तु साध्यकार्यं शिक्षितुं च केन्द्रीक्रियते ये तेषां "समीपस्थविकासक्षेत्रस्य" अन्तः सन्ति ।



विषय संवर्धन क्रियाकलापः



कक्षा ६ - ८ संस्कृत

माह	क्रियाकलाप	मूल्यांकन क्षेत्र
अप्रैल	• शृण्वन् अवगमनम्	• उत्तर 1 (1) • उत्तर 2 (1) • उत्तर 3 (1) • उत्तर 4 (1) • उत्तर 5 (1)
मई जून	• शब्द परिचय	• उच्चारण (2) • विषय संबंधित सामग्री (2) • उत्तर 3 (1)
जुलाई	• शब्द रूपाणी	• उच्चारण (2) • विषय संबंधित सामग्री (2) • उत्तर 3 (1)
अगस्त	• श्लोक वाचन	• विषय संबंधित सामग्री (2) • उच्चारण एवम् आत्मविश्वास (2) • समग्र प्रवाह (1)
सितम्बर	• पश्यन् कथयतु	• प्रासंगिकता (2) • वाक्यों का गठन (2) • समग्र प्रभाव (1)
नवम्बर	• पश्यन् कथयतु	• प्रासंगिकता (2) • वाक्यों का गठन (2) • समग्र प्रभाव (1)
दिसम्बर	• धातु रूप (पठ)	• उच्चारण (2) • प्रवाह / गति (2) • आत्मविश्वास(1)
जनवरी	• कथा वाचन	• उच्चारण (2) • प्रवाह / गति (2) • आत्मविश्वास(1)



विभाजन पाठ्यक्रम



कक्षा - ६

माह	अध्याय
अप्रैल	• "प्रथमः पाठः शब्दपरिचयः - I "
मई-जून	• "द्वितीयः पाठः शब्दपरिचयः - II"
जुलाई	• "तृतीयः पाठः शब्दपरिचयः - III • "चतुर्थः पाठः विद्यालयः"
अगस्त	• "पञ्चमः पाठः वृक्षाः" • "षष्ठः पाठः समुद्रतटः"
सितम्बर	• "सप्तमः पाठः बकस्य प्रतीकारः" • "अष्टमः पाठः सूक्तिस्तबकः"
अक्टूबर	• "नवमः पाठः क्रीडास्पर्धा"
नवम्बर	• "दशमः पाठः कृषिकाः कर्मवीराः"
दिसम्बर	• "एकादशः पाठः दशमः त्वम् असि "
जनवरी	• "द्वादशः पाठः विमानयानं रचयाम"
फरवरी	• त्रयोदशः पाठः अहह आः च



विभाजन पाठ्यक्रम



कक्षा - ७

माह	अध्याय
अप्रैल	<ul style="list-style-type: none">• प्रथमः पाठः सुभाषितानि
मई-जून	<ul style="list-style-type: none">• द्वितीयः पाठः दुर्बुद्धिः विनश्यति
जुलाई	<ul style="list-style-type: none">• तृतीयः पाठः स्वावलम्बनम्
अगस्त	<ul style="list-style-type: none">• चतुर्थः पाठः पण्डिता रमाबाई• पञ्चमः पाठः सदाचारः
सितम्बर	<ul style="list-style-type: none">• षष्ठः पाठः सङ्कल्पः सिद्धिदायकः• सप्तमः पाठः त्रिवर्णः ध्वजः
अक्टूबर	<ul style="list-style-type: none">• अष्टमः पाठः अहमपि विद्यालयं गमिष्यामि
नवम्बर	<ul style="list-style-type: none">• नवमः पाठः विश्वबन्धुत्वम्• दशमः पाठः समवायो हि दुर्जयः
दिसम्बर	<ul style="list-style-type: none">• एकादशः पाठः विद्याधनम्
जनवरी	<ul style="list-style-type: none">• द्वादशः पाठः अमृतं संस्कृतम्
फरवरी	<ul style="list-style-type: none">• त्रयोदशः पाठः लालनगीतम्



विभाजन पाठ्यक्रम



कक्षा - ८

माह	अध्याय
अप्रैल	<ul style="list-style-type: none">• प्रथमः पाठः सुभाषितानि
मई-जून	<ul style="list-style-type: none">• द्वितीयः पाठः बिलस्य वाणी न कदापि मे श्रुता
जुलाई	<ul style="list-style-type: none">• तृतीयः पाठः डिजीभारतम्• चतुर्थः पाठः सदैव पुरतो निधेहि चरणम्
अगस्त	<ul style="list-style-type: none">• पञ्चमः पाठः कण्टकेनैव कण्टकम्• षष्ठः पाठः गृहं शून्यं सुतां विना
सितम्बर	<ul style="list-style-type: none">• सप्तमः पाठः भारतजनताहम्• अष्टमः पाठः संसारसागरस्य नायकाः
अक्टूबर	<ul style="list-style-type: none">• नवमः पाठः सप्तभगिन्यः
नवम्बर	<ul style="list-style-type: none">• दशमः पाठः नीतिनवनीतम्• एकादशः पाठः सावित्री बाई फुले
दिसम्बर	<ul style="list-style-type: none">• द्वादशः पाठः कः रक्षति कः रक्षितः
जनवरी	<ul style="list-style-type: none">• त्रयोदशः पाठः क्षितौ राजते भारतस्वर्णभूमिः
फरवरी	<ul style="list-style-type: none">• चतुर्दशः पाठः आर्यभटः

MEET THE TEACHER

AMIT SHARMA



ABOUT ME

I AM AMIT SHARMA, COMPUTER INSTRUCTOR OF PM SHRI KENDRIYA VIDYALAYA NO.2 KANCHRAPARA. I HAVE JOINED THIS VIDYALAYA IN 2022 AS COMPUTER INSTRUCTOR. I AM A B.TECH IN CSE FROM ST. MARY'S TECHNICAL CAMPUS KOLKATA. I HAVE BEEN TEACHING IN THIS VIDYALAYA SINCE LAST 2 YEARS.

SUBJECT TAUGHT

I AM TEACHING ICT SKILLS IN CLASSES III TO V, ARTIFICIAL INTELLIGENCE(PRACTICAL) FOR CLASSES 6 TO 8, ARTIFICIAL INTELLIGENCE(THEORY + PRACTICAL) FOR CLASSES IX AND XII.

TEACHING PHILOSOPHY

MY TEACHING PHILOSOPHY FOR ARTIFICIAL INTELLIGENCE CENTERS ON FOSTERING A DEEP UNDERSTANDING OF THE SUBJECT WHILE PROMOTING CRITICAL THINKING, CREATIVITY, AND ETHICAL AWARENESS.

I BELIEVE IN BUILDING A STRONG FOUNDATION IN THE CORE PRINCIPLES OF AI, INCLUDING MACHINE LEARNING, NEURAL NETWORKS, NATURAL LANGUAGE PROCESSING, AND ROBOTICS. THROUGH CLEAR EXPLANATIONS, INTERACTIVE DEMONSTRATIONS, AND REAL-WORLD EXAMPLES, I AIM TO MAKE THESE CONCEPTS ACCESSIBLE AND ENGAGING FOR STUDENTS.

I EMPHASIZE HANDS-ON LEARNING EXPERIENCES THAT ALLOW STUDENTS TO APPLY THEIR UNDERSTANDING IN PRACTICAL CONTEXTS.

I ENCOURAGE STUDENTS TO CRITICALLY EXAMINE THE SOCIETAL IMPACTS OF AI, INCLUDING ISSUES SUCH AS ALGORITHMIC BIAS, PRIVACY CONCERNS, AND JOB DISPLACEMENT. THROUGH OPEN DISCUSSIONS AND CASE STUDIES, STUDENTS LEARN TO NAVIGATE ETHICAL DILEMMAS AND MAKE INFORMED DECISIONS ABOUT THE RESPONSIBLE DEVELOPMENT AND DEPLOYMENT OF AI TECHNOLOGIES.



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX ARTIFICIAL INTELLIGENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• DREAM SMART HOME IDEA : LEARNERS TO DESIGN A ROUGH LAYOUT OF FLOOR PLAN OF THEIR DREAM SMART HOME.• THE AL GAME : LEARNERS TO PARTICIPATE IN THREE GAMES BASED ON DIFFERENT AL DOMAINS.• AL QUIZ (PAPER PEN/ONLINE QUIZ)• WRITING A LETTER TO ONE`S FUTURE SELF• GO GOALS BOARD GAME• JOB AD CREATING ACTIVITY	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2
MAY-JUNE	<ul style="list-style-type: none">• BALLOON DEBATE: STUDENTS DIVIDE IN TEAMS OF 3 AND 2 TEAMS ARE GIVEN SAME THEME. ONE TEAM GOES IN AFFIRMATION TO AI FOR THEIR SECTION WHILE THE OTHER ONE GOES AGAINST IT.• WRITING PROS AND CONS OF WRITTEN, VERBAL AND NON-VERBAL COMMUNICATION.• LISTING DO`S AND DON`T FOR AVOIDING COMMON BODY LANGUAGE MISTAKES.• GROUP DISCUSSION ON FACTORS AFFECTING PERSPECTIVES IN COMMUNICATION.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2
JULY	<ul style="list-style-type: none">• BRAINSTORM AROUND THE THEME PROVIDED AND SET A GOAL FOR THE AI PROJECT. DISCUSS VARIOUS TOPICS WITHIN THE GIVEN THEME AND SELECT ONE• TO SET ACTIONS AROUND THE GOAL.• LIST DOWN THE STAKEHOLDERS INVOLVED IN THE PROBLEM.• SEARCH ON THE CURRENT ACTIONS TAKEN TO SOLVE THIS PROBLEM.• THINK AROUND THE ETHICS INVOLVED IN THE GOAL OF YOUR PROJECT• LET`S USE GRAPHICAL TOOLS: TO DECIDE WHAT KIND OF DATA IS REQUIRED FOR A GIVEN SCENARIO AND ACQUIRE THE SAME.• TO SELECT AN APPROPRIATE GRAPHICAL FORMAT TO REPRESENT THE DATA ACQUIRED.• DECISION TREE : TO DESIGN A DECISION TREE BASED ON THE DATA GIVEN	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX ARTIFICIAL INTELLIGENCE

MONTH	ACTIVITIES	RUBRICS
AUGUST	<ul style="list-style-type: none">• ROLE PLAY EXERCISES ON BUILDING SELF-CONFIDENCE.• USE OF POSITIVE METAPHORS/WORDS.• POSITIVE STROKING ON WAKEUP AND BEFORE GOING BED.• HELPING OTHERS AND WORKING FOR COMMUNITY.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2
SEPTEMBER	<ul style="list-style-type: none">• CREATING A HUMAN NEURAL NETWORK:• STUDENTS SPLIT IN FOUR TEAMS EACH REPRESENTING INPUT LAYER (X STUDENTS), HIDDEN LAYER 1 (Y STUDENTS), HIDDEN LAYER 2 (Z STUDENTS) AND OUTPUT LAYER (1 STUDENT) RESPECTIVELY.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2
OCTOBER	<ul style="list-style-type: none">• IDENTIFY AND NAME THE VARIOUS COMPONENTS OF COMPUTER SYSTEM.• LIST FEW HARDWARE AND SOFTWARE.• IDENTIFY AND NAME THE PRIMARY AND SECONDARY MEMORY.• IDENTIFY THE VARIOUS INPUT, OUTPUT AND STORAGE DEVICES.• LIST VARIOUS PERIPHERAL DEVICES.• GIVE THE EXAMPLES OF PERIPHERAL DEVICES.• PRACTICE USING PERIPHERAL DEVICES	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2
NOVEMBER	<ul style="list-style-type: none">• PYTHON BASICS• STUDENTS GO THROUGH LESSONS ON PYTHON BASICS (VARIABLES, ARITHMETIC OPERATORS, EXPRESSIONS, DATA TYPES - INTEGER, FLOAT, STRINGS, USING PRINT() AND INPUT() FUNCTIONS. STUDENTS WILL TRY SOME SIMPLE PROBLEM-SOLVING EXERCISES ON PYTHON COMPILER.• PRACTICAL: PYTHON LISTS• STUDENTS GO THROUGH LESSONS ON PYTHON LISTS• STUDENTS WILL TRY SOME BASIC PROBLEM-SOLVING EXERCISES USING LISTS ON PYTHON COMPILER.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX ARTIFICIAL INTELLIGENCE

MONTH	ACTIVITIES	RUBRICS
DECEMBER	<ul style="list-style-type: none">• PREPARE POSTERS OF BUSINESS ACTIVITIES FOUND IN CITIES/VILLAGES, USING PICTURES.• DISCUSS THE VARIOUS TYPES OF ACTIVITIES, GENERALLY ADOPTED BY SMALL BUSINESSES IN A LOCAL COMMUNITY.• BEST OUT OF WASTE.• PREPARE CHARTS SHOWING ADVANTAGES OF ENTREPRENEURSHIP OVER WAGES.• GROUP DISCUSSIONS ON ROLE AND FEATURES OF ENTREPRENEURSHIP.• GROUP DISCUSSION ON HAZARDS OF DETERIORATING ENVIRONMENT.• PREPARE POSTERS SHOWING ENVIRONMENT CONSERVATION.• DISCUSSION ON VARIOUS FACTORS THAT INFLUENCE OUR ENVIRONMENT.• DISCUSSION ON THE BENEFITS OF GREEN SKILLS AND IMPORTANCE OF GREEN ECONOMY.	<ul style="list-style-type: none">• PARTICIPATION =1• UNDERSTANDING=1• CREATIVITY = 1• CORRECTNESS = 2



SPLITUP SYLLABUS



CLASS IX ARTIFICIAL INTELLIGENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• PART B - UNIT 1 - INTRODUCTION TO AI
MAY-JUNE	<ul style="list-style-type: none">• PART B - UNIT 1 - INTRODUCTION TO AI• PART A - UNIT 1 - COMMUNICATION SKILLS
JULY	<ul style="list-style-type: none">• PART B - UNIT 2 - AI PROJECT CYCLE
AUGUST	<ul style="list-style-type: none">• PART A - UNIT 2 - SELF MANAGEMENT SKILLS
SEPTEMBER	<ul style="list-style-type: none">• PART B - UNIT 3 - NEURAL NETWORK
OCTOBER	<ul style="list-style-type: none">• PART A - UNIT 3 - ICT SKILLS
NOVEMBER	<ul style="list-style-type: none">• PART B - UNIT 4 - PYTHON PROGRAMMING
DECEMBER	<ul style="list-style-type: none">• PART A - UNIT 4 - ENTREPRENUR SKILL
JANUARY	<ul style="list-style-type: none">• PART B - UNIT 5 - GREEN SKILLS



SPLITUP SYLLABUS



CLASS XII ARTIFICIAL INTELLIGENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• PART B - UNIT 1 - CAPSTONE PROJECT
MAY-JUNE	<ul style="list-style-type: none">• PART B - UNIT 1 - CAPSTONE PROJECT• PART A - UNIT 1 - COMMUNICATION SKILLS
JULY	<ul style="list-style-type: none">• PART B - UNIT 2 - MODEL LIFECYCLE / REVISION
AUGUST	<ul style="list-style-type: none">• PART B - UNIT 2 - MODEL LIFECYCLE / REVISION• PART A - UNIT 2 - SELF MANAGEMENT SKILLS
SEPTEMBER	<ul style="list-style-type: none">• PART B - UNIT 3 - STORYTELLING THROUGH DATA
OCTOBER	<ul style="list-style-type: none">• PART A - UNIT 3/4 - ICT SKILLS / ENTREPRENUR SKILL
NOVEMBER	<ul style="list-style-type: none">• PART B - UNIT 5 - GREEN SKILLS / REVISION
DECEMBER	<ul style="list-style-type: none">• PRE - BOARD 1
JANUARY	<ul style="list-style-type: none">• PRE - BOARD 2

MEET THE TEACHER

DEBABRATA NASKAR



ABOUT ME

I AM DEBABRATA NASKAR, LIBRARIAN OF PM SHRI KENDRIYA VIDYALAYA NO.2 KANCHRAPRA SINCE 13TH AUGUST, 2019. I JOINED KVS ON 30TH JUNE, 2016. I DID MLISC AND M.PHIL FROM UNIVERSITY OF CALCUTTA; I WORKED AS A TRAINEE IN UNIVERSITY LIBRARY AND ALSO WORKED AS LIBRARIAN (CONTRACTUAL) FOR SIX YEARS IN COLLEGE LIBRARY.

SUBJECT TAUGHT

- I) LIBRARY CLASS: VI-XII
- II) 'LIBRARY AND INFORMATION SCIENCE' AS SKILL SUBJECT

TEACHING PHILOSOPHY

MY TEACHING PHILOSOPHY AS LIBRARIAN IS TO EMPOWER STUDENTS TO INCREASE THEIR OWN KNOWLEDGE, PROVIDING THE RIGHT BOOK TO THE RIGHT USER AT THE RIGHT TIME. I BELIEVE LIBRARIANSHIP IS AN ACT OF SERVICE AND FOCUS IS ON SOCIAL AND INTELLECTUAL DEVELOPMENT. MY RESPONSIBILITIES ALLOW SUPPORTING STUDENTS WITH VARYING SKILL SETS RANGING FROM JUNIOR CLASSES TO SENIOR CLASSES. I ALWAYS TRY TO ACQUIRE, ORGANIZE AND MAINTAIN RESOURCES THAT SUPPORT THE LEARNING NEEDS OF THE SCHOOL STUDENTS AND TEACHERS.

IN LIS CLASS I DISCOVER THE SKILLS AND ABILITIES OF EVERY STUDENT. THEIR UNIQUE NEEDS PROMOTE SKILL AND PROFESSIONAL DEVELOPMENT. FROM THE PRACTICAL CLASSES THEY CAN IMPROVE LITERACY DEVELOPMENT AND INFORMATION MANAGEMENT. I ALLOW STUDENTS IN MY CLASSROOM TO EXPRESS THEIR VIEWS OPENLY. MY RESPONSIBILITIES INCLUDE PROVIDING AS THEY SEEK LIFE-ENRICHING. I PLAN TO CREATE OPPORTUNITIES FOR GROUP WORK, DISCUSSION AND COLLABORATIVE LEARNING. I HAVE HIGH EXPECTATIONS FOR EACH STUDENT SO THAT THEY LEARN THEY ARE CAPABLE OF WORKING IN THE LIS FIELD AND WILL ACHIEVE BIG GOALS. I SHOW MY STUDENTS HOW TO USE INFORMATION; HOW TO ACQUIRE, MANAGE AND DISSEMINATE INFORMATION FOR SOCIETY.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI TO XII LIBRARY

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• INTERNATIONAL CHILDREN'S BOOK DAY<ul style="list-style-type: none">I. ASSEMBLY PROGRAMMEII. INFORMATION WILL BE DISPLAYED IN THE LIBRARY• WORLD BOOK AND COPYRIGHT DAY<ul style="list-style-type: none">I. ASSEMBLY PROGRAMMEII. INFORMATION WILL BE DISPLAYED IN THE LIBRARY• FUNCTIONAL ACTIVITIES<ul style="list-style-type: none">I. ISSUE OF BOOKS TO CLASS LIBRARIES AS PER LIBRARY POLICYII. CAREER DEVELOPMENT PROGRAMMEIII. MEETING OF LIBRARY COMMITTEE• FUNCTIONAL ACTIVITIES<ul style="list-style-type: none">I. STARTING THE CIRCULATION OF BOOKSII. MEETING OF LIBRARY COMMITTEEIII. MEETING OF READER'S CLUBIV. MEETING OF CLASS LIBRARY BOOK SELECTION COMMITTEEV. RENEWAL OF SUBSCRIPTION TO PERIODICALSVI. PUBLICATION OF LIBRARY BULLETIN/NEWSLETTER	
MAY	<ul style="list-style-type: none">• NATIONAL TECHNOLOGY DAY<ul style="list-style-type: none">I. ASSEMBLY PROGRAMMEII. INFORMATION WILL BE DISPLAYED IN THE LIBRARY	
JUNE	READING WEEK <ul style="list-style-type: none">I. EXHIBITIONS, LITERARY COMPETITIONS,II. MEET THE AUTHOR PROGRAMMES	
JULY	<ul style="list-style-type: none">I. PREPARATION AND DISPLAY OF LIST OF DEFAULTERSII. AUCTION OF WRITTEN OFF BOOKSIII. SUBMISSION OF DEFAULTER'S LIST TO THE OFFICE.IV. DATA COLLECTION FOR UPDATING THE MEMBER DATABASEV. PREPARATION OF LIBRARY/SCHOOL ID CARDSVI. CAREER DEVELOPMENT PROGRAMMEVII. MEETING OF LIBRARY COMMITTEEVIII. CLASS LIBRARIES AS PER LIBRARY POLICY CIRCULATION OF BOOKS, BOOK REVIEWS, LIBRARY CORNER, ACTIVITIES, ETC.	



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI TO XII LIBRARY

MONTH	ACTIVITIES	RUBRICS
AUGUST	<ul style="list-style-type: none">• HARRY POTTER (HP) BIRTHDAY CELEBRATION I. HP QUIZ, WRITING BIRTHDAY WISHES, BOOK TALK, HP BOOK JACKET DESIGNING, ASSEMBLY PROGRAMMES, EXHIBITION OF HP BOOKS.• FUNCTIONAL ACTIVITIES I. PREPARATION OF BOOK SUGGESTION/RECOMMENDATION. II. SELECTION OF BOOKS BY VISITING THE LOCAL BOOK SHOPS BY THE COMMITTEE MEMBERS• HIROSHIMA DAY I. REMEMBERING THE VICTIMS, "AGAINST WAR" EXHIBITION• INDEPENDENCE DAY I. EXHIBITION OF BOOKS ON FREEDOM STRUGGLE.	
SEPTEMBER	<ul style="list-style-type: none">• TEACHER'S DAY (5 SEPT.) I. EXHIBITION OF BOOKS ON OR BY DR S. RADHAKRISHNAN• FUNCTIONAL ACTIVITIES I. CAREER DEVELOPMENT PROGRAMME II. MEETING OF LIBRARY COMMITTEE• HINDI FORTNIGHT EXHIBITION OF POPULAR HINDI BOOKS IN THE LIBRARY AND RELATED COMPETITIONS	
OCTOBER	<ul style="list-style-type: none">• INTERNATIONAL SCHOOL LIBRARY DAY (ISDL) & MONTH TALK BY AN EMINENT (LOCAL) LIBRARIAN, BOOK DONATION DRIVE, "SMART WEB SEARCHER" COMPETITION.• FUNCTIONAL ACTIVITIES I. PUBLICATION OF LIBRARY BULLETIN/ NEWSLETTER II. PREPARATION AND DISPLAY OF LIST OF DEFAULTERS• GANDHI JAYANTHI (2 OCT) I. OCTOBER EXHIBITION OF BOOKS ON OR BY II. MAHATMA GANDHI AND NON VIOLENCE• U. N. DAY (24 OCT.) EXHIBITION OF BOOKS ON UNITED NATIONS AND OTHER INTERNATIONAL ORGANISATIONS• SARDAR PATEL'S BIRTHDAY (31STOCT.) EXHIBITION OF BOOKS ON OR BY FREEDOM FIGHTERS	



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI TO XII LIBRARY

MONTH	ACTIVITIES	RUBRICS
NOVEMBER	<ul style="list-style-type: none">• FUNCTIONAL ACTIVITIES<ol style="list-style-type: none">I. USER AWARENESS PROGRAMMES FOR TEACHERSII. INFORMATION LITERACY SESSIONS• CHILDREN'S DAY (14 NOV.) EXHIBITION OF BOOKS ON OR BY JAWAHARLAL NEHRU, COMPETITIONS• NATIONAL EDUCATION DAY EXHIBITION OF BOOKS ON OR BY DR ABDUL KALAM AZAAD, ESSAY WRITING, NEWSPAPER READING COMPETITIONS• NATIONAL LIBRARY WEEK EXHIBITION OF RARE BOOKS IN THE LIBRARY COMPETITIONS: BOOK REVIEW , STORYTELLING , BOOK READING , LITERARY QUIZ, DESIGNING BOOKMARKS , ASSEMBLY PROGRAMMES , "FIND THE BOOK" , LIBRARY CULTURAL PROGRAMMES, ETC• INDIRA GANDHI'S BIRTHDAY (19 NOV.) EXHIBITION OF BOOKS ON INDIRA GANDHI AND OTHER INDIAN PRIME MINISTERS	
DECEMBER	<ul style="list-style-type: none">• ARMY FLAG DAY (7 DEC.) EXHIBITION OF BOOKS ON INDIAN ARMY AND WARFARE	
JANUARY	<ul style="list-style-type: none">• FUNCTIONAL ACTIVITIES<ol style="list-style-type: none">I. PUBLICATION OF LIBRARY BULLETIN/NEWSLETTERII. USER AWARENESS PROGRAMME ON EXAM ORIENTED RESOURCES IN THE LIBRARYIII. EXHIBITION OF MULTIMEDIA CD/DVDS• REPUBLIC DAY (26 JANUARY) EXHIBITION OF BOOKS ON "INDIA: SOCIETY AND CONSTITUTION"• MARTYR'S DAY (30 JANUARY) EXHIBITION OF BOOKS ON OR BY FREEDOM FIGHTERS• NATIONAL YOUTH DAY (12 JAN.) DISPLAY OF BOOKS ON OR BY SWAMI VIVEKANANDA	
FEBRUARY	<ul style="list-style-type: none">• FUNCTIONAL ACTIVITIES<ol style="list-style-type: none">I. RETURNING OF CLASS LIBRARY BOOKSII. REMINDERS TO DEFAULTERSIII. STOPPING THE CIRCULATION OF BOOKS TO STUDENTSIV. MEETING OF LIBRARY COMMITTEE	



SUBJECT ENRICHMENT ACTIVITIES



LIBRARY AND INFORMATION SCIENCE AS SKILL SUBJECT FOR
CLASS XI & XII

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none"> • HOW TO BUILD, DEVELOP LIBRARY COLLECTIONS AND STRATEGY FOR MANAGERIAL ASPECTS. 	<ul style="list-style-type: none"> • THINKING SKILL = 1 • OBSERVATION = 1 • PRESENTATION = 1.
MAY-JUNE	<ul style="list-style-type: none"> • HOW TO MANAGE HUMAN RESOURCES. PREPARE A CHART FOR HRM AND UNDERSTAND THE COMMUNICATION. 	<ul style="list-style-type: none"> • THINKING SKILL = 1 • COMMUNICATION SKILL = 1 • DEVELOPING IDEAS = 1
JULY	<ul style="list-style-type: none"> • CONCEPTS OF (PMEST).CLASSIFICATION BY DEWEY DECIMAL CLASSIFICATION (DDC) AND COLON CLASSIFICATION (CC).PREPARE CALL NUMBER,CLASS NUMBER,BOOK NUMBER,COLLECTION NUMBER 	<ul style="list-style-type: none"> • CONCEPTUAL SKILL = 1 • CORRECTNESS, = 1 • ANALYSIS = 1 • PRESENTATION = 1 • MUNICATION SKILL = 1 • DEVELOPING IDEAS = 1
AUGUST	<ul style="list-style-type: none"> • PREPARATION LIBRARY CATALOGUE-(1) TYPE OF AUTHORS: (I) PERSONAL (II) CORPORATE • SUBJECT HEADING AND KEY WORDS: SEARS LIST OF SUBJECT HEADINGS 	<ul style="list-style-type: none"> • PRESENTATION = 1 • CORRECTNESS = 1 • APPLICATION SKILL = 1
SEPTEMBER	<ul style="list-style-type: none"> • HOW TO PROVIDE REFERENCE SERVICES: - (A) RESPONSIVE SERVICES (ON DEMAND) VS. ANTICIPATORY SERVICES (B) SHORT RANGE SERVICES (READY REFERENCE) VS. LONG RANGE SERVICES 	<ul style="list-style-type: none"> • THINKING SKILL = 1 • APPLICATION SKILL = 1 • CORRECTNESS = 1 • PRESENTATION = 1
OCTOBER	<ul style="list-style-type: none"> • STUDY OF PROPRIETARY LIBRARY SOFTWARES: E-GRANTHALYA • STUDY OF OPEN-SOURCE SOFTWARE: KOHA 	<ul style="list-style-type: none"> • APPLICATION SKILL = 1 • PRESENTATION = 1 • CORRECTNESS = 1 • COMPUTING SKILL = 1
NOVEMBER	<ul style="list-style-type: none"> • IDEAS ON FINANCIAL RESOURCES AND BUDGETING FOR THE LIBRARY. • (1) ACQUISITION, (2)CIRCULATION.(3) BINDING AND PRESERVATION. (4) INFORMATION TECHNOLOGY SUPPORT 	<ul style="list-style-type: none"> • KNOWLEDGE ON FINANCIAL RESOURCES = 1 • COMPUTING SKILL = 1 • COMMUNICATION SKILL = 1 • CORRECTNESS = 1
DECEMBER- JANUARY	<ul style="list-style-type: none"> • USE OF FACEBOOK, TWITTER, RSS, BLOG, LINKEDIN SESSION: TO DEVELOP COMMUNICATION SKILLS IN LIS. 	<ul style="list-style-type: none"> • APPLICATION SKILL = 1 • PRESENTATION = 1 • COMMUNICATION SKILL = 1
FEBRUARY	<ul style="list-style-type: none"> • HOW TO PROVIDE MODERN LIBRARY & INFORMATION SERVICE AND ELECTRONIC REFERENCE SERVICE. 	<ul style="list-style-type: none"> • KNOWLEDGE ON FINANCIAL RESOURCES = 1 • COMPUTING SKILL = 1 • COMMUNICATION SKILL = 1 • CORRECTNESS = 1



SPLITUP SYLLABUS



LIBRARY AND INFORMATION SCIENCE AS SKILL SUBJECT FOR
CLASS XII

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• UNIT - 1:A: COLLECTION DEVELOPMENT AND ITS MANAGEMENT
MAY	<ul style="list-style-type: none">• UNIT -1: B : HUMAN RESOURCE MANAGEMENT (HRM)
JUNE	<ul style="list-style-type: none">• UNIT - 1: C: FINANCIAL MANAGEMENT• UNIT -2: FUNCTIONS OF DIFFERENT SECTIONS OF A LIBRARY.
JULY	<ul style="list-style-type: none">• UNIT -2: FUNCTIONS OF DIFFERENT SECTIONS OF A LIBRARY.
AUGUST	<ul style="list-style-type: none">• CHAPTER - 2: ORGANIZATION OF LIBRARY RESOURCES: ADVANCED OBJECTIVE:• UNIT -1: LIBRARY CLASSIFICATION (THEORY)
SEPTEMBER	<ul style="list-style-type: none">• UNIT -1: LIBRARY CLASSIFICATION (THEORY)
OCTOBER	<ul style="list-style-type: none">• UNIT -2: LIBRARY CATALOGUING(THEORY)
NOVEMBER	<ul style="list-style-type: none">• CHAPTER -3: LIBRARY AND INFORMATION SERVICES• UNIT -1: LIBRARY AND INFORMATION SERVICES: AN OVERVIEW• UNIT -2: LIBRARY AND INFORMATION SERVICES: ICT APPLICATIONS
DECEMBER	<ul style="list-style-type: none">• CHAPTER -4: COMPUTER APPLICATIONS IN LIBRARIES: ADVANCED• UNIT -1: USE OF COMPUTER IN LIBRARIES: LIBRARY AUTOMATION SOFTWARE
JANUARY	<ul style="list-style-type: none">• UNIT -2: USE OF SOCIAL NETWORKING TOOLS• CHAPTER 5: COMMUNICATION SKILLS• NEED & IMPORTANCE OF COMMUNICATION SKILLS:



SPLITUP SYLLABUS



LIBRARY AND INFORMATION SCIENCE AS SKILL SUBJECT FOR
CLASS XI

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• CHAPTER 1: LIBRARY, INFORMATION AND SOCIETY – ROLE AND ITS IMPLICATIONS• UNITS -1: LIBRARY, INFORMATION AND SOCIETY: CONCEPTS
MAY-JUNE	<ul style="list-style-type: none">• CHAPTER 2: ORGANIZATION OF LIBRARY RESOURCES: BASICS• UNITS - 2A: TYPES OF LIBRARIES AND THEIR ROLE:• UNITS - 2B: CHANGING FORMATS OF LIBRARIES
JULY	<ul style="list-style-type: none">• UNIT-3: FIVE LAWS OF LIBRARY SCIENCE AND THEIR IMPLICATIONS.• CHAPTER 3: REFERENCE AND INFORMATION SOURCES
AUGUST	<ul style="list-style-type: none">• UNIT-1: LIBRARY CLASSIFICATION (THEORY)
SEPTEMBER OCTOBER	<ul style="list-style-type: none">• UNIT -2: CATEGORIES OF REFERENCE AND INFORMATION SOURCES:
DECEMBER	<ul style="list-style-type: none">• CHAPTER 4: COMPUTER APPLICATIONS IN LIBRARIES: BASICS• UNIT – 1: COMPUTER HARDWARE FOR A LIBRARY:
JANUARY FEBRUARY	<ul style="list-style-type: none">• UNIT -2: LIBRARY AUTOMATION: CONCEPTS AND APPLICATIONS• UNIT -3: USE OF WEB BASED COMMUNICATION SYSTEMS



MEET THE TEACHER

Mallika Burman

ABOUT ME

I AM MALLIKA BURMAN, PGT (BIO) OF KENDRIYA VIDYALAYA NO. KANCHRAPARA. I HAVE JOINED SANGATHAN IN 2002 AS TGT (BIO) AND GOT PROMOTION AS PGT BIO IN 2008. I AM AN M.SC. IN BOTANY FROM CALCUTTA UNIVERSITY. MY INITIAL POSTING WAS IN K.V NO.3 PATIALA AND HAVE BEEN TEACHING IN VARIOUS KVS SINCE LAST 21 YEARS.

SUBJECT TAUGHT

I AM TEACHING BIOLOGY IN CLASSES XI AND XII AND SCIENCE IN CLASS X AND VIII.

TEACHING PHILOSOPHY

TEACHING IS THE PASSION OF MOLDING A PERSON OR MAKING A TOTALLY NEW PERSON THROUGH TEACHING.

EVERY STUDENT IS UNIQUE IN ITSELF AS THEY ALL BEAR DIFFERENT GENETIC MAKEUP. THEY HAIL FROM DIFFERENT KINDS OF SOCIAL AND CULTURAL PROFILE. SO IT BECOMES NECESSARY FOR A TEACHER TO CATER TO THEIR CURIOSITY ABOUT THE WORLD AROUND THEM AND ALSO THEIR ACADEMIC NEEDS.

I, AS A SCIENCE TEACHER, ADDRESS MY STUDENT'S NEEDS BY MAKING MYSELF ACCESSIBLE TO THE STUDENTS SO THEY CAN APPROACH ME AT ANY TIME TO FULFILL THEIR ACADEMIC CURIOSITY AND GET A 100% UNDERSTANDING OF WHAT IS TAUGHT TO THEM. I ALWAYS TRY TO RELATE THE MATTER TO BE TAUGHT WITH THEIR LIFE SO THAT THEY CAN TAKE A KEEN INTEREST IN IT AND PERCEIVE IT AS THEIR OWN AND THUS FOCUS MORE ON ITS LEARNING, THUS IMBIBING THE KNOWLEDGE AND UNDERSTANDING OF IT. I WANT TO PREPARE MY STUDENTS FOR FUTURE CHALLENGES THAT WILL COME IN THEIR LIFE AND TEACH THEM THE SKILLS THAT WILL HELP THEM TO LEAD THEIR LIFE BETTER.

WHILE TEACHING, I ALWAYS TAKE CARE TO INCLUDE ALL STUDENTS IN ONE OR THE OTHER WAY FOR A WHOLEHEARTED PARTICIPATION IN CLASS.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VIII SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• LAB VISIT, ACTIVITY BASED ON TOPICS (CHAPTERS)- TO BE WRITTEN IN NOTEBOOK.	<ul style="list-style-type: none">• APPARATUS = 2 HANDLING• OBSERVATION = 1• CALCULATION = 1• CONCLUSION = 1
MAY-JUNE	<ul style="list-style-type: none">• PROJECT WORK - CHOOSE ANY ONE TOPIC EACH FROM - BIOLOGY, PHYSICS AND CHEMISTRY• 1.SOW SOME SEEDS IN THE SOIL AND ARRANGE TO WATER THEM BY DRIP IRRIGATION. OBSERVE DAILY.• (I) DO YOU THINK IT CAN SAVE WATER?• (II) NOTE THE CHANGES IN THE SEED.• 2. COLLECT DIFFERENT TYPES OF SEEDS AND PUT THEM IN SMALL BAGS. LABEL THEM.• 3. COLLECT PICTURES OF SOME OTHER AGRICULTURAL MACHINES AND PASTE THEM IN A FILE. WRITE THEIR NAMES AND USES.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION = 2
JULY	<ul style="list-style-type: none">• 1. STICK PICTURES OF ANY TEN REAL LIFE SITUATIONS INVOLVING MOTION. RECORD YOUR OBSERVATIONS.• 2. STICK PICTURES OF ANY TEN DAILY LIFE SITUATIONS INVOLVING PRESSURE AND EXPLAIN APPLICATION OF PRESSURE IN EACH SITUATION.• 3. EXPLAIN ANY FOUR ACTIVITIES IN EVERYDAY LIFE RELATED TO ATMOSPHERIC PRESSURE.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION = 2
AUGUST	<ul style="list-style-type: none">• 1. DEVISE AN ACTIVITY TO SHOW THAT ORGANIC WASTE IS BIODEGRADABLE WHILE PLASTIC IS NOT.• 2. HAVE YOU HEARD OF THE CAMPAIGN: "SAY NO TO PLASTICS"? COIN A FEW MORE SLOGANS OF THIS KIND. THERE ARE CERTAIN GOVERNMENTAL AND NON-GOVERNMENTAL ORGANIZATIONS WHO EDUCATE THE GENERAL PUBLIC ON HOW TO MAKE WISE USE OF PLASTICS AND DEVELOP ENVIRONMENT FRIENDLY HABITS. FIND OUT ORGANIZATIONS IN YOUR AREA WHICH ARE CARRYING OUT AWARENESS PROGRAMMERS. IF THERE IS NONE, FORM ONE.• 3. MAKE PHONE CALLS TO FIVE FAMILIES IN YOUR NEIGHBORHOOD AND ENQUIRE ABOUT THE KIND OF CLOTHES THEY USE, THE REASON FOR THEIR CHOICE AND ADVANTAGES OF USING THEM IN TERMS OF COST, DURABILITY AND MAINTENANCE. MAKE A SHORT REPORT AND SUBMIT IT TO YOUR TEACHER.	<ul style="list-style-type: none">• CONTENT MATTER = 3• PRESENTATION = 2



SUBJECT ENRICHMENT ACTIVITIES



CLASS X SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• A. FINDING THE PH OF THE FOLLOWING SAMPLES BY USING PH PAPER/UNIVERSAL INDICATOR:• B. STUDYING THE PROPERTIES OF ACIDS AND BASES (HCL & NAOH) ON THE BASIS OF THEIR REACTION WITH:<ul style="list-style-type: none">• A) LITMUS SOLUTION (BLUE/RED)• B) ZINC METAL• C) SOLID SODIUM CARBONATE.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
MAY	<ul style="list-style-type: none">• PERFORMING AND OBSERVING THE FOLLOWING REACTIONS AND CLASSIFYING THEM INTO:<ul style="list-style-type: none">• A. COMBINATION REACTION B. DECOMPOSITION REACTION• C. DISPLACEMENT REACTION D. DOUBLE DISPLACEMENT REACTION• (I) ACTION OF WATER ON QUICKLIME• (II) ACTION OF HEAT ON FERROUS SULPHATE CRYSTALS• (III) IRON NAILS KEPT IN COPPER SULPHATE SOLUTION• (IV) REACTION BETWEEN SODIUM SULPHATE AND BARIUM CHLORIDE SOLUTIONS.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
JUNE	<ul style="list-style-type: none">• OBSERVING THE ACTION OF ZN, FE, CU AND AL METALS ON THE FOLLOWING SALT SOLUTIONS:<ul style="list-style-type: none">I) $ZNSO_4(AQ)$ II) $FESO_4(AQ)$III) $CUSO_4(AQ)$ IV) $AL_2(SO_4)_3(AQ)$• ARRANGING ZN, FE, CU AND AL (METALS) IN THE DECREASING ORDER OF REACTIVITY BASED ON THE ABOVE RESULT	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
JULY	<ul style="list-style-type: none">• STUDYING THE DEPENDENCE OF POTENTIAL DIFFERENCE (V) ACROSS A RESISTOR ON THE CURRENT (I) PASSING THROUGH IT AND DETERMINE ITS RESISTANCE. ALSO PLOTTING A GRAPH BETWEEN V AND I.• DETERMINATION OF THE EQUIVALENT RESISTANCE OF TWO RESISTORS WHEN CONNECTED IN SERIES AND PARALLEL.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
AUGUST	<ul style="list-style-type: none">• PREPARING A TEMPORARY MOUNT OF A LEAF PEEL TO SHOW STOMATA.• EXPERIMENTALLY SHOW THAT CARBON DIOXIDE IS GIVEN OUT DURING RESPIRATION.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS X SCIENCE

MONTH	ACTIVITIES	RUBRICS
SEPTEMBER	<ul style="list-style-type: none">• STUDY OF THE FOLLOWING PROPERTIES OF ACETIC ACID (ETHANOIC ACID): I) ODOUR II) SOLUBILITY IN WATER III) EFFECT ON LITMUS IV) REACTION WITH SODIUM HYDROGEN CARBONATE• STUDY OF THE COMPARATIVE CLEANING CAPACITY OF A SAMPLE OF SOAP IN SOFT AND HARD WATER.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
OCTOBER	<ul style="list-style-type: none">• DETERMINATION OF THE FOCAL LENGTH OF: I) CONCAVE MIRROR II) CONVEX LENS BY OBTAINING THE IMAGE OF A DISTANT OBJECT• TRACING THE PATH OF A RAY OF LIGHT PASSING THROUGH A RECTANGULAR GLASS SLAB FOR DIFFERENT ANGLES OF INCIDENCE. MEASURE THE ANGLE OF INCIDENCE, ANGLE OF REFRACTION, ANGLE OF EMERGENCE AND INTERPRET THE RESULT.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
NOVEMBER	<ul style="list-style-type: none">• STUDYING : (A) BINARY FISSION IN AMOEBA, AND (B) BUDDING IN YEAST AND HYDRA WITH THE HELP OF PREPARED SLIDES.• TRACING THE PATH OF THE RAYS OF LIGHT THROUGH A GLASS PRISM• IDENTIFICATION OF THE DIFFERENT PARTS OF AN EMBRYO OF A DICOT SEED (PEA, GRAM OR RED KIDNEY BEAN).	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
DECEMBER	<ul style="list-style-type: none">• PROJECT WORK- TO PREPARE A BRIEF WRITE UP TO ANY ONE TOPIC- 1. IMPORTANCE OF OZONE LAYER. 2. MANAGEMENT OF BIODEGRADABLE AND NON BIODEGRADABLE WASTES.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL MAY JUNE	<ul style="list-style-type: none">• STUDY AND DESCRIBE LOCALLY AVAILABLE COMMON FLOWERING PLANTS, FROM FAMILY SOLANACEAE , INCLUDING DISSECTION AND DISPLAY OF FLORAL WHORLS, ANTHOR AND OVARY TO SHOW NUMBER OF CHAMBERS (FLORAL FORMULAE AND FLORAL DIAGRAMS), TYPE OF ROOT TYPE OF STEM: LEAF.• STUDY OF OSMOSIS BY POTATO OSMOMETER.• TEST FOR THE PRESENCE OF SUGAR, STARCH, PROTEINS AND FATS IN SUITABLE PLANT AND ANIMAL MATERIALS.• SEPARATION OF PLANT PIGMENTS THROUGH PAPER CHROMATOGRAPHY.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
AUGUST SEPTEMBER	<ul style="list-style-type: none">• COMPARATIVE STUDY OF THE RATES OF TRANSPIRATION IN THE UPPER AND LOWER SURFACES OF LEAVES.• STUDY OF THE RATE OF RESPIRATION IN FLOWER BUDS/LEAF TISSUE AND GERMINATING SEEDS.• TEST FOR PRESENCE OF UREA IN URINE.• TEST FOR PRESENCE OF SUGAR IN URINE.• TEST FOR PRESENCE OF ALBUMIN IN URINE.• TEST FOR PRESENCE OF BILE SALTS IN URINE.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
OCTOBER	<ul style="list-style-type: none">• PREPARATION AND STUDY OF T.S. OF DICOT AND MONOCOT ROOTS AND STEMS (PRIMARY).• STUDY OF PLASMOLYSIS IN EPIDERMAL PEELS (E.G. RHOEO/LILY LEAVES OR FLASHY SCALE LEAVES OF ONION BULB).• STUDY OF DISTRIBUTION OF STOMATA ON THE UPPER AND LOWER SURFACES OF LEAVES.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI SCIENCE

MONTH	ACTIVITIES	RUBRICS
NOVEMBER	<ul style="list-style-type: none">• PARTS OF A COMPOUND MICROSCOPE.• SPECIMENS/SLIDES/MODELS AND IDENTIFICATION WITH REASONS -PLANT SPECIMENS.• VIRTUAL SPECIMENS/SLIDES/MODELS AND IDENTIFYING FEATURES OF -ANIMALS• MITOSIS IN ONION ROOT TIP CELLS AND ANIMALS CELLS (GRASSHOPPER) FROM PERMANENT SLIDES.• DIFFERENT TYPES OF INFLORESCENCE (CYMOSE AND RACEMOSE).• HUMAN SKELETON AND DIFFERENT TYPES OF JOINTS WITH THE HELP OF VIRTUAL IMAGES/MODELS ONLY.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
INVESTIGATORY PROJECTS	<ul style="list-style-type: none">• A SCIENCE INVESTIGATORY PROJECT (SIP) USES THE SCIENTIFIC METHOD TO STUDY AND TEST AN IDEA ABOUT HOW SOMETHING WORK.• CHOOSE A TOPIC FROM YOUR SYLLABUS AND CARRY OUT AN INVESTIGATORY PROJECT	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL MAY JUNE JULY	<ul style="list-style-type: none">ISOLATE DNA FROM AVAILABLE PLANT MATERIAL SUCH AS SPINACH, GREEN PEA SEEDS, PAPAYA, ETC.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
AUGUST SEPTEMBER	<ul style="list-style-type: none">1. STUDY THE PLANT POPULATION DENSITY BY QUADRAT METHOD.2. STUDY THE PLANT POPULATION FREQUENCY BY QUADRAT METHOD	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
OCTOBER	<ul style="list-style-type: none">PREPARE A TEMPORARY MOUNT TO OBSERVE POLLEN GERMINATION.PREPARE A TEMPORARY MOUNT OF ONION ROOT TIP TO STUDY MITOSIS.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
NOVEMBER	<ul style="list-style-type: none">FLOWERS ADAPTED TO POLLINATION BY DIFFERENT AGENCIES (WIND, INSECTS, BIRDS).POLLEN GERMINATION ON STIGMA THROUGH A PERMANENT SLIDE OR SCANNING ELECTRON MICROGRAPH.IDENTIFICATION OF STAGES OF GAMETE DEVELOPMENT, I.E., T.S. OF TESTIS AND T.S. OF OVARY THROUGH PERMANENT SLIDES (FROM GRASSHOPPER/MICE).MEIOSIS IN ONION BUD CELL OR GRASSHOPPER TESTIS THROUGH PERMANENT SLIDES.T.S. OF BLASTULA THROUGH PERMANENT SLIDES (MAMMALIAN).MENDELIAN INHERITANCE USING SEEDS OF DIFFERENT COLOUR/SIZES OF ANY PLANT.PREPARED PEDIGREE CHARTS OF ANY ONE OF THE GENETIC TRAITS SUCH AS ROLLING OF TONGUE, BLOOD GROUPS, EAR LOBES, WIDOW'S PEAK AND COLOUR BLINDNESS.CONTROLLED POLLINATION - EMASCULATION, TAGGING AND BAGGING.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII SCIENCE

MONTH	ACTIVITIES	RUBRICS
NOVEMBER	<ul style="list-style-type: none">• COMMON DISEASE CAUSING ORGANISMS LIKE ASCARIS, ENTAMOEBA, PLASMODIUM, ANY FUNGUS CAUSING RINGWORM .• MODELS SPECIMEN SHOWING SYMBIOTIC ASSOCIATION IN ROOT NODULES OF LEGUMINOUS PLANTS, CUSCUTA ON HOST, LICHENS.• FLASH CARDS MODELS SHOWING EXAMPLES OF HOMOLOGOUS AND ANALOGOUS ORGANS.	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1
INVESTIGATORY PROJECT	<ul style="list-style-type: none">• A SCIENCE INVESTIGATORY PROJECT (SIP) USES THE SCIENTIFIC METHOD TO STUDY AND TEST AN IDEA ABOUT HOW SOMETHING WORK.• CHOOSE A TOPIC FROM YOUR SYLLABUS AND CARRY OUT AN INVESTIGATORY PROJECT	APPARATUS = 2 HANDLING OBSERVATION = 1 CALCULATION = 1 CONCLUSION = 1



SPLIT UP SYLLABUS



CLASS VIII SCIENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• CROP PRODUCTION AND MANAGEMENT, MICROORGANISMS : FRIEND AND FOE
MAY-JUNE	<ul style="list-style-type: none">• MICROORGANISMS : FRIEND AND FOE(CONT.), COAL AND PETROLEUM
JULY	<ul style="list-style-type: none">• COMBUSTION AND FLAME
AUGUST	<ul style="list-style-type: none">• CONSERVATION OF PLANTS AND ANIMALS, REPRODUCTION IN ANIMALS
SEPTEMBER	<ul style="list-style-type: none">• REACHING THE AGE OF ADOLESCENCE, FORCE AND PRESSURE
OCTOBER	<ul style="list-style-type: none">• FRICTION, SOUND
NOVEMBER	<ul style="list-style-type: none">• CHEMICAL EFFECTS OF ELECTRIC CURRENT
DECEMBER	<ul style="list-style-type: none">• SOME NATURAL PHENOMENA
JANUARY	<ul style="list-style-type: none">• LIGHT
FEBRUARY	<ul style="list-style-type: none">• REVISION



SPLIT UP SYLLABUS



CLASS X SCIENCE

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• CHEMICAL REACTIONS AND EQUATIONS, ACIDS, BASES AND SALTS.
MAY-JUNE	<ul style="list-style-type: none">• METALS AND NON METALS
JULY	<ul style="list-style-type: none">• CARBON AND ITS COMPOUNDS, PERIODIC CLASSIFICATION OF ELEMENTS, LIFE PROCESSES
AUGUST	<ul style="list-style-type: none">• LIFE PROCESSES(CONT.), CONTROL AND COORDINATION, HOW DO ORGANISMS REPRODUCE
SEPTEMBER	<ul style="list-style-type: none">• HEREDITY AND EVOLUTION, LIGHT REFLECTION AND REFRACTION
OCTOBER	<ul style="list-style-type: none">• HUMAN EYE AND COLOURFUL WORLD, MAGNETIC EFFECTS OF ELECTRIC CURRENT
NOVEMBER	<ul style="list-style-type: none">• SOURCES OF ENERGY, OUR ENVIRONMENT.
DECEMBER	<ul style="list-style-type: none">• REVISION AND 1ST PRE BOARD
JANUARY	<ul style="list-style-type: none">• REVISION AND 2ND PRE BOARD



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CLASS XI SC. -BIOLOGY

MONTH	CHAPTERS
JUNE	<ul style="list-style-type: none">• THE LIVING WORLD, BIOLOGICAL CLASSIFICATION
JULY	<ul style="list-style-type: none">• METAPLANT KINGDOM, ANIMAL KINGDOM, MORPHOLOGY OF FLOWERING PLANTS AND NON METALS
AUGUST	<ul style="list-style-type: none">• ANATOMY OF FLOWERING PLANTS, STRUCTURAL ORGANISATION IN ANIMALS, CELL – THE UNIT OF LIFE
SEPTEMBER	<ul style="list-style-type: none">• BIOMOLECULES, CELL CYCLE AND CELL DIVISION
OCTOBER	<ul style="list-style-type: none">• PHOTOSYNTHESIS IN HIGHER PLANTS, RESPIRATION IN PLANTS
NOVEMBER	<ul style="list-style-type: none">• PLANT GROWTH AND DEVELOPMENT, BREATHING AND EXCHANGE OF GASES
DECEMBER	<ul style="list-style-type: none">• BODY FLUIDS AND CIRCULATION, EXCRETORY PRODUCTS AND THEIR ELIMINATION, LOCOMOTION AND MOVEMENT.
JANUARY	<ul style="list-style-type: none">• NEURAL CONTROL AND COORDINATION, CHEMICAL COORDINATION AND INTEGRATION.
FEBRUARY	<ul style="list-style-type: none">• REVISION FOR SESSION ENDING EXAMS



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CLASS XII SC.- BIOLOGY

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• SEXUAL REPRODUCTION IN FLOWERING PLANTS ,HUMAN REPRODUCTION
MAY-JUNE	<ul style="list-style-type: none">• REPRODUCTIVE HEALTH, PRINCIPLES OF INHERITANCE AND VARIATION
JULY	<ul style="list-style-type: none">• PRINCIPLES OF INHERITANCE AND VARIATION (CONT.), MOLECULAR BASIS OF INHERITANCE
AUGUST	<ul style="list-style-type: none">• EVOLUTION, HUMAN HEALTH AND DISEASES, MICROBES IN HUMAN WELFARE
SEPTEMBER	<ul style="list-style-type: none">• BIOTECHNOLOGY: PRINCIPLES AND PROCESSES, BIOTECHNOLOGY AND ITS APPLICATION
OCTOBER	<ul style="list-style-type: none">• ORGANISMS AND POPULATIONS, ECOSYSTEM
NOVEMBER	<ul style="list-style-type: none">• BIODIVERSITY AND ITS CONSERVATION
DECEMBER	<ul style="list-style-type: none">• REVISION AND 1ST PRE BOARD
JANUARY	<ul style="list-style-type: none">• REVISION AND 2ND PRE BOARD

MEET THE TEACHER

SURANJANA DEB



ABOUT ME

I AM SURANJANA DEB, PGT (MATHEMATICS) OF KENDRIYA VIDYALAYA NO. KANCHRAPARA. I HAVE JOINED SANGATHAN IN 2017 AS TGT (BIO). I AM AN M.SC. IN MATHEMATICS FROM KALYANI UNIVERSITY. MY INITIAL POSTING WAS IN K.V NO.3 PATIALA AND HAVE BEEN TEACHING IN VARIOUS KVS SINCE LAST 21 YEARS.

SUBJECT TAUGHT

I AM TEACHING BIOLOGY IN CLASSES XI AND XII AND SCIENCE IN CLASS X AND VIII.

TEACHING PHILOSOPHY

TO IGNITE INTEREST IN STUDENTS TO THINK RATIONALLY IN MATHEMATICS SUBJECT AS WELL AS IN LIFE, TO ACTIVELY THRIVE FOR BEST IN ANY ASPECT OF PARTICIPATION OR LIFE, TO THINK ABOUT A PROBLEM PART BY PART AS WELL AS OVERALL APPROACH.



SUBJECT ENRICHMENT ACTIVITIES



CLASS X MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• TO FIND HCF AND LCM BY PICTORIAL PRESENTATION	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
MAY-JUNE	<ul style="list-style-type: none">• TO DRAW THE GRAPH OF A QUADRATIC POLYNOMIAL AND OBSERVE THE SHAPE OF THE CURVE WITH THE SIGN OF THE COEFFICIENT OF QUADRATIC TERMS	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
JULY	<ul style="list-style-type: none">• TO VERIFY THE CONDITIONS OF CONSISTENCY/ INCONSISTENCY FOR A PAIR OF LINEAR EQUATIONS IN TWO VARIABLES BY GRAPHICAL METHOD.• TO OBTAIN THE SOLUTION OF A QUADRATIC EQUATION ($X^2 + 4X = 60$) BY COMPLETING THE SQUARE GEOMETRICALLY	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
AUGUST	<ul style="list-style-type: none">• TO IDENTIFY ARITHMETIC PROGRESSIONS IN SOME GIVEN LISTS OF NUMBERS (PATTERNS).• TO ESTABLISH THE CRITERIA FOR SIMILARITY OF TWO TRIANGLES.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none">• TO VERIFY THE DISTANCE FORMULA BY GRAPHICAL METHOD.• TO FIND THE HEIGHT OF A BUILDING USING A CLINOMETER.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS X MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
OCTOBER	<ul style="list-style-type: none">• TO VERIFY EXPERIMENTALLY THAT THE TANGENT AT ANY POINT TO A CIRCLE IS PERPENDICULAR TO THE RADIUS THROUGH THAT POINT• TO OBTAIN FORMULA FOR AREA OF A CIRCLE EXPERIMENTALLY.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
NOVEMBER	<ul style="list-style-type: none">• TO DETERMINE EXPERIMENTAL PROBABILITY OF 1, 2, 3, 4, 5 OR 6 BY THROWING A DIE 500 TIMES AND COMPARE THEM WITH THEIR THEORETICAL PROBABILITIES.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
JUNE-JULY	<ul style="list-style-type: none">• TO FIND THE NUMBER OF SUBSETS OF A GIVEN SET AND VERIFY THAT IF A SET HAS N NUMBER OF ELEMENTS, THEN THE TOTAL NUMBER OF SUBSETS IS 2^N.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
JULY	<ul style="list-style-type: none">• TO IDENTIFY A RELATION AND A FUNCTION.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
AUGUST	<ul style="list-style-type: none">• TO VERIFY THE RELATION BETWEEN THE DEGREE MEASURE AND THE RADIAN MEASURE OF AN ANGLE.• TO INTERPRET GEOMETRICALLY THE MEANING OF $I = -1$ AND ITS INTEGRAL POWERS.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none">• TO VERIFY THAT THE GRAPH OF A GIVEN INEQUALITY, SAY $5X + 4Y - 40 < 0$, OF THE FORM $AX + BY + C < 0$, $A, B > 0, C < 0$ REPRESENTS ONLY ONE OF THE TWO HALF PLANES.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none">• TO FIND THE NUMBER OF WAYS IN WHICH THREE CARDS CAN BE SELECTED FROM GIVEN FIVE CARDS	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
OCTOBER	<ul style="list-style-type: none">• TO CONSTRUCT A PASCAL'S TRIANGLE AND TO WRITE BINOMIAL EXPANSION FOR A GIVEN POSITIVE INTEGRAL EXPONENT.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XI MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
NOVEMBER	<ul style="list-style-type: none">• TO OBTAIN A FORMULA FOR THE SUM OF SQUARES OF FIRST N-NATURAL NUMBERS.• TO VERIFY THAT THE EQUATION OF A LINE PASSING THROUGH THE POINT OF INTERSECTION OF TWO LINES $A_1 X + B_1 Y + C_1 = 0$ AND $A_2 X + B_2 Y + C_2 = 0$ IS OF THE FORM $(A_1 X + B_1 Y + C_1) \wedge (A_2 X + B_2 Y + C_2) = 0$.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
DECEMBER	<ul style="list-style-type: none">• TO CONSTRUCT DIFFERENT TYPES OF CONIC SECTIONS.• TO EXPLAIN THE CONCEPT OF OCTANTS BY THREE MUTUALLY PERPENDICULAR PLANES IN SPACE.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
JANUARY	<ul style="list-style-type: none">• EVALUATING LIMIT BY VALUES• TO WRITE THE SAMPLE SPACE, WHEN A COIN IS TOSSED ONCE, TWO TIMES, THREE TIMES, FOUR TIMES.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none"> TO VERIFY THAT THE RELATION R IN THE SET L OF ALL LINES IN A PLANE, DEFINED BY $R = \{(L, M) : L \perp M\}$ IS SYMMETRIC BUT NEITHER REFLEXIVE NOR TRANSITIVE. 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1
MAY	<ul style="list-style-type: none"> TO DRAW THE GRAPH OF $1 - \sin x$, USING THE GRAPH OF $\sin x$ AND DEMONSTRATE THE CONCEPT OF MIRROR REFLECTION (ABOUT THE LINE $y = x$). 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1
JULY	<ul style="list-style-type: none"> TO FIND ANALYTICALLY THE LIMIT OF A FUNCTION $f(x)$ AT $x = c$ AND ALSO TO CHECK THE CONTINUITY OF THE FUNCTION AT THAT POINT. TO UNDERSTAND THE CONCEPTS OF DECREASING AND INCREASING FUNCTIONS. 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1
AUGUST	<ul style="list-style-type: none"> TO VERIFY THAT ANGLE IN A SEMICIRCLE IS A RIGHT ANGLE, USING VECTOR METHOD. TO LOCATE THE POINTS TO GIVEN COORDINATES IN SPACE, MEASURE THE DISTANCE BETWEEN TWO POINTS IN SPACE AND THEN TO VERIFY THE DISTANCE USING DISTANCE FORMULA. 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none"> TO MEASURE THE SHORTEST DISTANCE BETWEEN TWO SKEW LINES AND VERIFY IT ANALYTICALLY. TO VERIFY THAT FOR TWO SETS A AND B, $n(A \times B) = pq$ AND THE TOTAL NUMBER OF RELATIONS FROM A TO B IS $2pq$, WHERE $n(A) = p$ AND $n(B) = q$ 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1
OCTOBER	<ul style="list-style-type: none"> TO REPRESENT SET THEORETIC OPERATIONS USING VENN DIAGRAMS TO VERIFY DISTRIBUTIVE LAW FOR THREE GIVEN NON-EMPTY SETS A, B AND C, THAT IS, $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$ 	<ul style="list-style-type: none"> UNDERSTANDING = 1 PROBLEM-SOLVING = 1 CRITICAL THINKING = 1 PARTICIPATION = 1 MISTAKE ANALYSIS = 1



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CLASS X MATHEMATICS

MONTH	CHAPTERS
APRIL	• NUMBER SYSTEM
MAY-JUNE	• ALGEBRA
JULY	• CO-ORDINATE GEOMETRY
JULY/ AUGUST	• GEOMETRY
AUGUST/ SEPTEMBER	• TRIGONOMETRY
SEPTEMBER/ OCTOBER	• MENSURATION
OCTOBER/ NOVEMBER	• STATISTICS AND PROBABILITY



SPLIT UP SYLLABUS



CLASS XII MATHEMATICS

MONTH	CHAPTERS
JUNE / JULY	<ul style="list-style-type: none">• SETS• RELATIONS AND FUNCTIONS• TRIGONOMETRIC FUNCTIONS
JULY	<ul style="list-style-type: none">• COMPLEX NUMBERS• LINEAR INEQUALITIES
AUGUST	<ul style="list-style-type: none">• PERMUTATION AND COMBINATION• BINOMIAL THEOREM• SEQUENCE AND SERIES
SEPTEMBER	<ul style="list-style-type: none">• STRAIGHT LINES• CONIC SECTIONS
OCTOBER	<ul style="list-style-type: none">• INTRODUCTION TO 3 DIMENSIONAL CO ORDINATE GEOMETRY
NOVEMBER	<ul style="list-style-type: none">• LIMITS AND DERIVATIVES• STATISTICS
DECEMBER	<ul style="list-style-type: none">• PROBABILITY



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CLASS XII MATHEMATICS

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• RELATION AND FUNCTION• CALCULUS - MATRICES
MAY-JUNE	<ul style="list-style-type: none">• CALCULUS - MATRICES CONTINUED• CALCULUS - DETERMINANTS
JULY	<ul style="list-style-type: none">• CALCULUS - CONTINUITY AND DIFFERENTIABILITY• CALCULUS - APPLICATIONS OF DERIVATIVES
AUGUST	<ul style="list-style-type: none">• CALCULUS - INTEGRALS & APPLICATIONS OF INTEGRALS
SEPTEMBER	<ul style="list-style-type: none">• CALCULUS - DIFFERENTIAL EQUATIONS• VECTORS & 3-DIMENSIONAL GEOMETRY
OCTOBER	<ul style="list-style-type: none">• VECTORS & 3-DIMENSIONAL GEOMETRY CONTINUED
NOVEMBER	<ul style="list-style-type: none">• PROBABILITY
DECEMBER	<ul style="list-style-type: none">• REVISION

Meet the Teacher

Bidisa Ghanti



ABOUT ME

I AM BIDISA GHANTI, TGT(SST) OF KENDRIYA VIDYALAYA NO. 2 KANCHRAPARA. I HAVE JOINED SANGATHAN IN 2019. I AM M.A. IN GEOGRAPHY FROM CALCUTTA UNIVERSITY.

SUBJECT TAUGHT

I AM TEACHING SOCIAL SCIENCE IN CLASSES IX AND X

TEACHING PHILOSOPHY

I BELIEVE THAT EVERY CHILD IS UNIQUE AND BRINGS SOME EXPERIENCE INTO CLASSROOM. I ENDEAVOUR TO BUILD ON THAT EXPERIENCE TO HELP THE CHILD REACH HIS/ HER FULL POTENTIAL. MY DESIRE IS TO CREATE SUCH ENVIRONMENT IN A CLASSROOM WHERE STUDENTS CAN GROW PHYSICALLY, MENTALLY, EMOTIONALLY, AND SOCIALLY. I WILL PROVIDE A SAFE ENVIRONMENT WHERE STUDENTS ARE INVITED TO SHARE THEIR IDEAS AND TAKE RISKS.

I STRIVE TO CONNECT STUDENTS' LEARNING WITH THEIR IMMEDIATE SURROUNDINGS SO THAT ACCOMMODATION AND ASSIMILATION OF THE LEARNING CAN HAPPEN EASILY. TAKING COGNISANCE OF THE 21ST CENTURY, I ASPIRE TO DEVELOP COMMUNICATION SKILLS, PROBLEM SOLVING SKILLS AND DIGITAL LITERACY AMONG MY STUDENTS.

IN ORDER TO BUILD THE FOUNDATION OF MY STUDENTS I PROVIDE THEM WITH A SLEW OF TEACHING SUPPLEMENTS LIKE SELF - MADE YOU TUBE VIDEOS, PPTS, WORKSHEETS FROM SITES LIKE BRITISH COUN INDIA.



SPLIT UP SYLLABUS



CLASS IX – SOCIAL STUDIES

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THE FRENCH REVOLUTION• INDIA: SIZE AND LOCATION• WHAT IS DEMOCRACY? WHY DEMOCRACY?
MAY - JUNE	<ul style="list-style-type: none">• SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION
JULY	<ul style="list-style-type: none">• PHYSICAL FEATURES OF INDIA• THE STORY OF VILLAGE PALAMPUR• CONSTITUTIONAL DESIGN
AUGUST	<ul style="list-style-type: none">• DRAINAGE• ELECTORAL POLITICS• PEOPLE AS RESOURCE
SEPTEMBER	<ul style="list-style-type: none">• NAZISM AND THE RISE OF HITLER• CLIMATE
OCTOBER	<ul style="list-style-type: none">• FOREST SOCIETY AND COLONIALISM
NOVEMBER	<ul style="list-style-type: none">• NATURAL VEGETATION AND WILD LIFE• WORKING OF INSTITUTIONS
DECEMBER	<ul style="list-style-type: none">• PASTORALISTS IN THE MODERN WORLD• DEMOCRATIC RIGHTS
JANUARY	<ul style="list-style-type: none">• POPULATION• POVERTY AS A CHALLENGE
FEBRUARY	<ul style="list-style-type: none">• FOOD SECURITY IN INDIA



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CLASS X – SOCIAL STUDIES

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• THE RISE OF NATIONALISM IN EUROPE• RESOURCES AND DEVELOPMENT• FOREST AND WILDLIFE
MAY - JUNE	<ul style="list-style-type: none">• POWER SHARING
JULY	<ul style="list-style-type: none">• DEVELOPMENT• NATIONALISM IN INDIA• WATER RESOURCES
AUGUST	<ul style="list-style-type: none">• FEDERALISM• SECTORS OF THE INDIAN ECONOMY
SEPTEMBER	<ul style="list-style-type: none">• DEMOCRATIC POLITICS – II• CONTEMPORARY INDIA – II• INDIA AND THE CONTEMPORARY WORLD – II
OCTOBER	<ul style="list-style-type: none">• UNDERSTANDING ECONOMIC DEVELOPMENT
NOVEMBER	<ul style="list-style-type: none">• INDIA AND THE CONTEMPORARY WORLD – II• UNDERSTANDING ECONOMIC DEVELOPMENT
DECEMBER	<ul style="list-style-type: none">• CONTEMPORARY INDIA – II• DEMOCRATIC POLITICS – II
JANUARY	<ul style="list-style-type: none">• INDIA AND THE CONTEMPORARY WORLD – II• CONTEMPORARY INDIA – II
FEBRUARY	<ul style="list-style-type: none">• CONTEMPORARY INDIA – II• DEMOCRATIC POLITICS – II



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX SOCIAL SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL-MAY	<ul style="list-style-type: none">• PORTFOLIO (MAPS, CHARTS, GRAPHS, ASSIGNMENT, TESTS , CELEBRATION OF VARIOUS FUNCTIONS, IMPORTANT DAYS, ANNIVERSARIES, IMPORTANT INSTITUTIONS, VIRTUAL VISIT OF ASI CENTER, MUSEUM, HISTORICAL BUILDINGS ETC.)	<ul style="list-style-type: none">• RESOURCES - 3• SUBJECT MATTER - 8• PRESENTATION - 5• NEATNESS - 4
MAY-JUNE	<ul style="list-style-type: none">• ORAL QUIZ• "THE FRENCH REVOLUTION"	<ul style="list-style-type: none">• RESOURCES - 3• SUBJECT MATTER - 8• PRESENTATION - 5• NEATNESS - 4
AUGUST-SEPTEMBER	<ul style="list-style-type: none">• WORKSHEET OF MCQS	<ul style="list-style-type: none">• RESOURCES - 3• SUBJECT MATTER - 8• PRESENTATION - 5• NEATNESS - 4
OCTOBER-NOVEMBER	<ul style="list-style-type: none">• SEMINAR, ROLE PLAY, MOCK PARLIAMENT, CONSTITUTION DAY, DATE OF 1857 REVOLT, ROLE OF FREEDOM FIGHTERS,	<ul style="list-style-type: none">• RESOURCES - 3• SUBJECT MATTER - 8• PRESENTATION - 5• NEATNESS - 4
DECEMBER-JANUARY	<ul style="list-style-type: none">• PROJECT WORK (DEFORESTATION,FLOOD)	<ul style="list-style-type: none">• RESOURCES - 3• SUBJECT MATTER - 8• PRESENTATION - 5• NEATNESS - 4



SUBJECT ENRICHMENT ACTIVITIES



CLASS X SOCAL SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL-MAY	<ul style="list-style-type: none">• PORTFOLIO (MAPS, CHARTS, GRAPHS, ASSIGNMENT, TESTS , CELEBRATION OF VARIOUS FUNCTIONS, IMPORTANT DAYS, ANNIVERSARIES, IMPORTANT INSTITUTIONS, VIRTUAL VISIT OF ASI CENTER, MUSIUM, HISTORICAL BUILDINGS ETC.)	<ul style="list-style-type: none">• RESOURCES-3• SUBJECT MATTER-8• PRESENTATION-5• NEATNESS-4
MAY-JUNE	<ul style="list-style-type: none">• ORAL QUIZ• "THE FRENCH REVOLUTION"	<ul style="list-style-type: none">• RESOURCES-3• SUBJECT MATTER-8• PRESENTATION-5• NEATNESS-4
AUGUST-SEPTEMBER	<ul style="list-style-type: none">• WORKSHEET OF MCQS	<ul style="list-style-type: none">• RESOURCES-3• SUBJECT MATTER-8• PRESENTATION-5• NEATNESS-4
OCTOBER-NOVEMBER	<ul style="list-style-type: none">• SEMINAR, ROLE PLAY, MOCK PARLIAMENT, CONSTITUTION DAY, DATE OF 1857 REVOLT, ROLE OF FREEDOM FIGHTERS,	<ul style="list-style-type: none">• RESOURCES-3• SUBJECT MATTER-8• PRESENTATION-5• NEATNESS-4
DECEMBER-JANUARY	<ul style="list-style-type: none">• PROJECT WORK (DEFORESTATION,FLOOD)	<ul style="list-style-type: none">• RESOURCES-3• SUBJECT MATTER-8• PRESENTATION-5• NEATNESS-4



Meet the Teacher

ANURADHA NAG

ABOUT ME

MY NAME IS ANURADHA NAG. I JOINED KVS IN THE YEAR 2019 AS TGT ENG. I JOINED KV 2 KANCHRAPARA ON 14TH AUGUST 2023.

SUBJECT TAUGHT

I AM TEACHING ENGLISH IN CLASSES IX AND X

TEACHING PHILOSOPHY

MY PHILOSOPHY OF EDUCATION IS THAT ALL CHILDREN ARE UNIQUE AND MUST HAVE A STIMULATING EDUCATIONAL ENVIRONMENT WHERE THEY CAN GROW PHYSICALLY, MENTALLY, EMOTIONALLY, AND SOCIALLY. IT IS MY DESIRE TO CREATE THIS TYPE OF ATMOSPHERE WHERE STUDENTS CAN MEET THEIR FULL POTENTIAL. I WILL PROVIDE A SAFE ENVIRONMENT WHERE STUDENTS ARE INVITED TO SHARE THEIR IDEAS AND TAKE RISKS.

I BELIEVE THAT THERE ARE FIVE ESSENTIAL ELEMENTS THAT ARE CONDUCTIVE TO LEARNING. (1) THE TEACHER'S ROLE IS TO ACT AS A GUIDE. (2) STUDENTS MUST HAVE ACCESS TO HANDS-ON ACTIVITIES. (3) STUDENTS SHOULD BE ABLE TO HAVE CHOICES AND LET THEIR CURIOSITY DIRECT THEIR LEARNING. (4) STUDENTS NEED THE OPPORTUNITY TO PRACTICE SKILLS IN A SAFE ENVIRONMENT. (5) TECHNOLOGY MUST BE INCORPORATED INTO THE SCHOOL DAY.



SPLIT UP SYLLABUS



CLASS IX – ENGLISH

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• BEEHIVE - 1 - THE FUN THEY HAD• MOMENTS - 1 - THE LOST CHILD• BEEHIVE - 1 - THE ROAD NOT TAKEN• BEEHIVE - 2 - THE SOUND OF MUSIC• MOMENTS - 2 - THE ADVENTURES OF TOTO• READING COMPREHENSION
MAY	<ul style="list-style-type: none">• BEEHIVE - 2 - WIND• TENSES
JUNE	<ul style="list-style-type: none">• BEEHIVE - 3 - THE LITTLE GIRL• MOMENTS - 3 - ISWARAN THE STORY TELLER• SENTENCES• SUBJECT VERB CONCORD• READING COMPREHENSION
JULY	<ul style="list-style-type: none">• BEEHIVE - 3 - RAIN ON THE ROOF• MOMENTS - 4- IN THE KINGDOM OF FOOLS• BEEHIVE - 4- A TRULY BEAUTIFUL MIND• BEEHIVE - 4- THE LAKE OF INNISFREE• DESCRIPTIVE PARAGRAPH ON PERSON• DIARY ENTRY• REPORTED SPEECH• READING COMPREHENSION
AUGUST	<ul style="list-style-type: none">• BEEHIVE - 5 - THE SNAKE AND THE MIRROR• BEEHIVE - 5 - A LEGEND OF THE NORTHLAND• MOMENTS - 5 - THE HAPPY PRINCE• BEEHIVE - 6 - MY CHILDHOOD• BEEHIVE - 6 - NO MEN ARE FOREIGN• DESCRIPTIVE PARAGRAPH ON EVENT• DETERMINERS• MODALS• READING COMPREHENSION



SPLIT UP SYLLABUS



CLASS IX – ENGLISH

MONTH	CHAPTERS
SEPTEMBER	<ul style="list-style-type: none">• BEEHIVE - 7 - REACH FOR THE TOP• BEEHIVE - 7 - ON KILLING A TREE• MOMENTS - 6 - THE LAST LEAF• EDITING, GAP FILLING• REPORTED SPEECH• READING COMPREHENSION• STORY WRITING• REVISION PT 2
OCTOBER	<ul style="list-style-type: none">• MOMENTS - 7 - A HOUSE IS NOT A HOME• GAP FILLING, EDITING, TRANSFORMATION EXERCISES• STORY COMPLETION• 8 NOVEMBER BEEHIVE - 8 - KATHMANDU• BEEHIVE - 8 - A SLUMBER DID MY SPIRIT STEAL• MOMENTS - 8- THE BEGGAR• REPORTED SPEECH• READING COMPREHENSION
DECEMBER	<ul style="list-style-type: none">• DECEMBER BEEHIVE - 9 - IF I WERE YOU• MODALS• TENSES• READING COMPREHENSION• 10 JANUARY REVISION PT 3• 11 FEBRUARY PROJECT AND REVISION



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CLASS X – ENGLISH

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• FIRST FLIGHT - 1 - A LETTER TO GOD• FOOT PRINTS WITHOUT FEET - 1 - A TRIUMPH OF SURGERY• FIRST FLIGHT - 1 - DUST OF SNOW• FIRST FLIGHT - 2 - FIRE AND ICE• FIRST FLIGHT - 2 - NELSON MANDELA• READING COMPREHENSION
MAY	<ul style="list-style-type: none">• FIRST FLIGHT - 3 - A TIGER IN THE ZOO• ANALYTICAL PARAGRAPH
JUNE	<ul style="list-style-type: none">• FOOT PRINTS WITHOUT FEET - 2 - THE THIEF'S STORY• FOOT PRINTS WITHOUT FEET - 3 - THE MIDNIGHT VISITOR• FIRST FLIGHT - 3 - TWO STORIES ABOUT FLYING• SUBJECT VERB CONCORD• READING COMPREHENSION
JULY	<ul style="list-style-type: none">• FIRST FLIGHT - 4 - FROM THE DIARY OF ANNE FRANK• FIRST FLIGHT - 4 - HOW TO TELL WILD ANIMALS• FIRST FLIGHT - 5 - THE BALL POEM• FIRST FLIGHT - 6 - AMANDA• FOOT PRINTS WITH OUT FEET - 4 - A QUESTION OF TRUST• LETTERS - PLACING ORDERS/ENQUIRY/OTHER SITUATIONS• TENSES• READING COMPREHENSION
AUGUST	<ul style="list-style-type: none">• FIRST FLIGHT - 5 - GLIMPSES OF INDIA• FOOT PRINTS WITH OUT FEET - 5 - FOOT PRINTS WITH OUT FEET• FIRST FLIGHT - 6 - MIJBIL THE OTTER• FOOT PRINTS WITH OUT FEET - 6 - THE MAKING OF A SCIENTIST• FIRST FLIGHT - 7 - THE TREES• FOOT PRINTS WITH OUT FEET - 7 - THE NECKLACE• FIRST FLIGHT - 8 - FOG• MODALS• READING COMPREHENSION



SPLIT UP SYLLABUS



CLASS X – ENGLISH

MONTH	CHAPTERS
SEPTEMBER	<ul style="list-style-type: none">• FIRST FLIGHT - 7 - MADAM RIDES THE BUS• FOOT PRINTS WITH OUT FEET - 8 - BHOLI• FIRST FLIGHT - 8 - THE SERMON AT BENARAS• FIRST FLIGHT - 9 - THE PROPOSAL• FIRST FLIGHT - 9 - THE TALE OF CUSTARD DRAGON• FIRST FLIGHT - 10 - FOR ANNE GREGORY• REPORTED SPEECH• READING COMPREHENSION
OCTOBER	<ul style="list-style-type: none">• FOOT PRINTS WITH OUT FEET - 9 - THE BOOK THAT SAVED THE EARTH• GAP FILLING, EDITING, TRANSFORMATION EXERCISES• REVISION FOR PREBOARD 1• NOVEMBER GRAMMAR• 8 READING COMPREHENSION• PRE BOARD 1 EXAMS
DECEMBER	<ul style="list-style-type: none">• DECEMBER READING COMPREHENSION• GRAMMAR• REVISION FOR PREBOARD 2



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX ENGLISH

MONTH	ACTIVITIES	RUBRICS
APRIL-MAY	<ul style="list-style-type: none">• SPEECH , POEM RECITATION	<ul style="list-style-type: none">• CONTENT (5)CREATIVITY (5)PRESENTATION(5)LANGUAGE (5)
JUNE- JULY	<ul style="list-style-type: none">• STORY TELLING , DICTATION	<ul style="list-style-type: none">• CONTENT (5)PRESENTATION (5)LANGUAGE (5)PRONUNCIATION/ SPELLING (5)
AUGUST- SEPTEMBER	ROLE PLAY , CLASS MAGAZINE	<ul style="list-style-type: none">• CREATIVITY (5)PRESENTATION (5)LANGUAGE (5)EXPLANATION (5)
OCTOBER- NOVEMBER	CREATIVE WRITING , DRAMATIZATION	<ul style="list-style-type: none">• CREATIVITY (5)PRESENTATION (5)LANGUAGE (5)EXPLANATION (5)
DECEMBER- JANUARY	GROUP DISCUSSION , QUIZ	<ul style="list-style-type: none">• DIFFICULTY (5)ACCURACY (5)STANDARD (5)CORRECTNESS (5)



SUBJECT ENRICHMENT ACTIVITIES



CLASS X ENGLISH

MONTH	ACTIVITIES	RUBRICS
APRIL-MAY	<ul style="list-style-type: none">• SPEECH , POEM RECITATION	CONTENT (5) CREATIVITY (5) PRESENTATION(5) LANGUAGE (5)
JUNE- JULY	<ul style="list-style-type: none">• STORY TELLING , DICTATION	CONTENT (5) PRESENTATION (5) LANGUAGE (5) PRONUNCIATION/ SPELLING (5)
AUGUST- SEPTEMBER	<ul style="list-style-type: none">• ROLE PLAY , CLASS MAGAZINE	CREATIVITY (5) PRESENTATION (5) LANGUAGE (5) EXPLANATION (5)
OCTOBER- NOVEMBER	<ul style="list-style-type: none">• CREATIVE WRITING , DRAMATIZATION	CREATIVITY (5) PRESENTATION (5) LANGUAGE (5) EXPLANATION (5)
DECEMBER- JANUARY	<ul style="list-style-type: none">• GROUP DISCUSSION , QUIZ	DIFFICULTY (5) ACCURACY (5) STANDARD (5) CORRECTNESS (5)

Meet the Teacher

RUPA PAUL



ABOUT ME

MY NAME IS RUPA PAUL. I JOINED THIS VIDYALAYA IN THE YEAR 2019 AS TGT ENGLISH

SUBJECT TAUGHT

I AM TEACHING ENGLISH IN CLASSES VI TO VIII

TEACHING PHILOSOPHY

EVERY CHILD IS UNIQUE. I WAS AWARE OF THIS BEFORE ALSO. IT CAME TO ME IN TRUE SENSE WHEN I STARTED TEACHING. AS A TGT ENGLISH TEACHER I KNOW THAT EVERY CHILD HAS THEIR OWN STYLE OF WORK, OWN WAY OF APPLICATION OF SKILLS AND EXPRESSING CREATIVITY. EACH SUBJECT HAS A CERTAIN GRAMMAR AND METHODS. EVERY SUBJECT BEING AN IMPORTANT PART OF HOLISTIC DEVELOPMENT OF A CHILD GIVES ME AN OPPORTUNITY TO PLAY MY PART IN DEVELOPING MY STUDENTS' CREATIVE SENSES AND SKILLS.

I USE ACTIVITY METHOD, JOYFUL LEARNING, LEARNING BY DOING, TO ENGAGE THE STUDENTS IN LEARNING AND EXPLORING THE SUBJECT. I OFTEN CREATE PPT ACTIVITIES BY MY OWN KEEPING IN MIND THE NEEDS OF INCLUSIVE CLASSROOM.

I BELIEVE IN KEEPING FRIENDLY RELATIONSHIP WITH THE STUDENTS /CHILDREN AS I BELIEVE THAT LEARNING A SUBJECT IS NOT ONLY A SUBJECT TO LEARN BUT ALSO SOMETHING TO GET PLEASURE / JOY IN DOING IT. THIS ALSO ALLOWS THE STUDENTS TO SHARE THEIR THOUGHTS, SUCCESSES AND WEAKNESSES WITH THE TEACHER.



SPLIT UP SYLLABUS



CLASS VII – ENGLISH

MONTH	CHAPTERS
APRIL - MAY	<ul style="list-style-type: none">• HONEY COMB -1 - THREE QUESTIONS• HONEY COMB-1 - THE SQUIRREL• AN ALIEN HAND - 1 -THE TINY TEACHER• HONEY COMB - 2 - A GIFT OF CHAPPALS• IF CLAUSE• NOTICE/MESSAGE• READING COMPREHENSION
JUNE	<ul style="list-style-type: none">• HONEY COMB - 2 -THE REBEL• AN ALIEN HAND - 2 - BRINGING UP KARI• STORY WRITING
JULY	<ul style="list-style-type: none">• HONEY COMB - 3 - GOPAL AND THE HILSA FISH• AN ALIEN HAND - 3 - GOLU GROWS A NOSE• HONEY COMB - 3 - THE SHED• REPORTED SPEECH• REVISION OF PT1
AUGUST	<ul style="list-style-type: none">• HONEY COMB - 4 - THE ASHES THAT MADE TREES BLOOM• HONEY COMB - 4 - CHIVVY• AN ALIEN HAND- 4 CHANDNI• LETTER TO THE EDITOR AND BIO SKETCH• QUESTION WORDS/ PREFIX/ARTICLES
SEPTEMBER	<ul style="list-style-type: none">• HONEY COMB - 5 - QUALITY• HONEY COMB - 5 - TREES• PHRASAL VERBS/ HOMOPHONES• APPLICATION WRITING• LISTENING ACTIVITY• INTEGRATED GRAMMAR EXERCISES• REVISION OF HALF YEARLY
OCTOBER	<ul style="list-style-type: none">• AN ALIEN HAND - 5 - THE BEAR STORY• HONEY COMB - 6 - EXPERT DETECTIVES• HONEY COMB- 6- MYSTERY OF THE TALKING FAN• PARAGRAPH/ ARTICLE WRITING



SPLIT UP SYLLABUS



CLASS VII – ENGLISH

MONTH	CHAPTERS
NOVEMBER	<ul style="list-style-type: none">• HONEY COMB - 7 - THE INVENTION OF VITA WONK• HONEY COMB- 7- DAD AND THE CAT AND THE TREE• HONEY COMB- GARDEN SNAKE• AN ALIEN HAND - 6 -A TIGER IN THE HOUSE• MY FAMILY TREE• PREPOSITIONS / DETERMINERS• LETTER WRITING
DECEMBER	<ul style="list-style-type: none">• HONEY COMB - 8 - A HOMAGE TO OUR BRAVE SOLDIERS• AN ALIEN HAND- 7- AN ALIEN HAND• WORD FORM• TENSE• READING COMPREHENSION
JANUARY	<ul style="list-style-type: none">• HONEY COMB - 9 - MEADOW SURPRISES• SUBJECT VERB CONCORD• WRITING



SPLIT UP SYLLABUS



CLASS VIII – ENGLISH

MONTH	CHAPTERS
APRIL - MAY	<ul style="list-style-type: none">• HONEY DEW -1 - THE BEST CHRISTMAS PRESENT IN THE WORLD• HONEY DEW -1 - THE ANT AND THE CRICKET• IT SO HAPPENED - 1 - HOW THE CAMEL GOT HIS HUMP• HONEY DEW - 2 - TSUNAMI• NOTICE/MESSAGE• READING COMPREHENSION
JUNE	<ul style="list-style-type: none">• HONEY DEW - 2 - GEOGRAPHY LESSON• IT SO HAPPENED - 2 - CHILDREN AT WORK• STORY WRITING
JULY	<ul style="list-style-type: none">• HONEY DEW - 3 - GLIMPSES OF THE PAST• IT SO HAPPENED - 3 - THE SELFISH GIANT• IT SO HAPPENED - 4 - THE TREASURE WITHIN• ACTIVE/PASSIVE VOICE• REVISION OF PT1
AUGUST	<ul style="list-style-type: none">• HONEY DEW - 4 - BIPIN CHOUDHURY'S LAPSE OF MEMORY• HONEY DEW - 4 - THE LAST BARGAIN• LETTER TO THE EDITOR AND BIO SKETCH• REPORTED SPEECH AND READING COMPREHENSION
SEPTEMBER	<ul style="list-style-type: none">• HONEY DEW - 5 - THE SUMMIT WITHIN• HONEY DEW - 5 - THE SCHOOL BOY• IT SO HAPPENED - 5 - PRINCESS SEPTEMBER• LISTENING ACTIVITY• INTEGRATED GRAMMAR EXERCISES• REVISION OF HALF YEARLY
OCTOBER	<ul style="list-style-type: none">• IT SO HAPPENED - 6 - THE FIGHT• HONEY DEW - 6 - THIS IS JODY'S FAWN• ARTICLE WRITING



SPLIT UP SYLLABUS



CLASS VIII – ENGLISH

MONTH	CHAPTERS
NOVEMBER	<ul style="list-style-type: none">• HONEY DEW - 7 - A VISIT TO CAMBRIDGE• IT SO HAPPENED - 7 - JALEBIS• PREPOSITIONS / DETERMINERS• LETTER WRITING
DECEMBER	<ul style="list-style-type: none">• HONEY DEW - 8 - A SHORT MONSOON DIARY• HONEY DEW - 8 - ON THE GRASSHOPPER AND THE CRICKET• DIARY ENTRY AND CONNECTORS• READING COMPREHENSION
JANUARY	<ul style="list-style-type: none">• IT SO HAPPENED - 8 - ANCIENT EDUCATION SYSTEM OF INDIA• SUBJECT VERB CONCORD• WRITING



SPLIT UP SYLLABUS



CLASS IX – ENGLISH

MONTH	CHAPTERS
APRIL	<ul style="list-style-type: none">• BEEHIVE - 1 - THE FUN THEY HAD• MOMENTS - 1 - THE LOST CHILD• BEEHIVE - 1 - THE ROAD NOT TAKEN• BEEHIVE - 2 - THE SOUND OF MUSIC• MOMENTS - 2 - THE ADVENTURES OF TOTO• READING COMPREHENSION
MAY	<ul style="list-style-type: none">• BEEHIVE - 2 - WIND• TENSES
JUNE	<ul style="list-style-type: none">• BEEHIVE - 3 - THE LITTLE GIRL• MOMENTS - 3 - ISWARAN THE STORY TELLER• SENTENCES• SUBJECT VERB CONCORD• READING COMPREHENSION
JULY	<ul style="list-style-type: none">• BEEHIVE - 3 - RAIN ON THE ROOF• MOMENTS - 4- IN THE KINGDOM OF FOOLS• BEEHIVE - 4- A TRULY BEAUTIFUL MIND• BEEHIVE - 4- THE LAKE OF INNISFREE• DESCRIPTIVE PARAGRAPH ON PERSON• DIARY ENTRY• REPORTED SPEECH• READING COMPREHENSION
AUGUST	<ul style="list-style-type: none">• BEEHIVE - 5 - THE SNAKE AND THE MIRROR• BEEHIVE - 5 - A LEGEND OF THE NORTHLAND• MOMENTS - 5 - THE HAPPY PRINCE• BEEHIVE - 6 - MY CHILDHOOD• BEEHIVE - 6 - NO MEN ARE FOREIGN• DESCRIPTIVE PARAGRAPH ON EVENT• DETERMINERS• MODALS• READING COMPREHENSION



SPLIT UP SYLLABUS



CLASS IX – ENGLISH

MONTH	CHAPTERS
SEPTEMBER	<ul style="list-style-type: none">• BEEHIVE - 7 - REACH FOR THE TOP• BEEHIVE - 7 - ON KILLING A TREE• MOMENTS - 6 - THE LAST LEAF• EDITING, GAP FILLING• REPORTED SPEECH• READING COMPREHENSION• STORY WRITING• REVISION PT 2
OCTOBER	<ul style="list-style-type: none">• MOMENTS - 7 - A HOUSE IS NOT A HOME• GAP FILLING, EDITING, TRANSFORMATION EXERCISES• STORY COMPLETION
NOVEMBER	<ul style="list-style-type: none">• BEEHIVE - 8 - KATHMANDU• BEEHIVE - 8 - A SLUMBER DID MY SPIRIT STEAL• MOMENTS - 8- THE BEGGAR• REPORTED SPEECH• READING COMPREHENSION
DECEMBER	<ul style="list-style-type: none">• BEEHIVE - 9 - IF I WERE YOU• MODALS• TENSES• READING COMPREHENSION



SUBJECT ENRICHMENT ACTIVITIES



CLASS VII TO IX ENGLISH

MONTH	ACTIVITIES	RUBRICS
SEPTEMBER	<ul style="list-style-type: none">• POEM RECITATION• STORY NARRATION• JUST A MINUTE SPEECH, PREPARED SPEECH• ROLE PLAY, DRAMATIZATION	<ul style="list-style-type: none">• PERFORMANCE(4)• EYE CONTACT(3)• CONTENT(3)
JUNE- JULY	<ul style="list-style-type: none">• QUIZ• INTERVIEW OF SOME LITERARY FIGURE• GROUP DISCUSSION• CREATIVE WRITING	<ul style="list-style-type: none">• ENGAGEMENT (5)• PREPAREDNESS(3)• ATTITUDE(2)
AUGUST- SEPTEMBER	<ul style="list-style-type: none">• SPELL BEE• DICTATION• LISTENING, COMPREHENSION ACTIVITY• DESIGNING OF ADVERTISEMENT	<ul style="list-style-type: none">• CORRECTNESS(3)• PROMPTNESS(4)• ATTEMPT(3)
OCTOBER- NOVEMBER	<ul style="list-style-type: none">• CLASS MAGAZINE• SHOW AND TELL ACTIVITY• COMMENTARY• REPORTING AN EVENT	<ul style="list-style-type: none">• PREPAREDNESS(3)• SUMMARY(3)• REACTION(2)• STAYS ON TOPIC(2)
DECEMBER- JANUARY	<ul style="list-style-type: none">• NEWS READING• MY DICTIONARY• BIOGRAPHY WRITING	<ul style="list-style-type: none">• EVIDENCE THROUGH RESEARCH(2)• INSIGHT OF CHARACTER(2)• ORGANIZE INFORMATION(3)• DEMONSTRATES(3)

शिक्षक से मिलें ज्योति वर्मा



मेरे बारे में

मेरा नाम ज्योति वर्मा है मैं हिंदी विषय में प्रशिक्षित स्नातक शिक्षिका हूँ मैं लखनऊ उत्तर प्रदेश से हूँ और 15 दिसम्बर 2023 को मैं केंद्रीय विद्यालय कांचरापाड़ा क्रमांक 2 की सदस्य बनी

विषय पढ़ाया गया

छठी-दसवीं

शिक्षण दर्शन

शिक्षा का मेरा दर्शन यह है कि सभी बच्चे अद्वितीय हैं और उनके पास एक उन्मुक्त स्वतंत्र शैक्षिक वातावरण होना चाहिए जहाँ वे शारीरिक, मानसिक, भावनात्मक और सामाजिक रूप से विकसित हो सकें। इस प्रकार का वातावरण बनाना मेरी इच्छा है जहाँ छात्र अपनी पूरी क्षमता से मिल सकें। जहाँ एक सुरक्षित वातावरण होगा वहाँ छात्रों को अपने विचारों को साझा करने और चुनौती स्वीकार करने के लिए आमंत्रित किया जाता है।

"मेरा मानना है कि पांच आवश्यक तत्व हैं जो सीखने के लिए अनुकूल हैं।

- (1) शिक्षक की भूमिका एक मार्गदर्शक के रूप में कार्य करना है।
- (2) छात्रों के पास संसाधन परियोजना कार्य की गतिविधियों तक पहुँच होनी चाहिए। अर्थात् छात्रों के लिए सक्षम होना चाहिए उनके आयामी विकल्पों और उनकी जिज्ञासा को बुझने नहीं देना चाहिए
- (4) छात्रों को एक सुरक्षित वातावरण में कौशल का अभ्यास करने का अवसर चाहिए।
- (5) नित नई प्रौद्योगिकी को स्कूल के कालखंड में शामिल किया जाना चाहिए।

"मेरे शिक्षण दर्शन की मंशा यह है कि छात्रों के दिमाग में भरे हुए बर्तन नहीं हैं। उनमें से प्रत्येक अपनी कक्षा के लिए अपने स्वयं के विशिष्ट ब्रांड की प्रतिभा लाता है, और मेरा सबसे महत्वपूर्ण काम उस प्रतिभा की खोज करना और उसे सशक्त बनाना है।" अगर कोई बच्चा हमारे सिखाने के तरीके को नहीं सीख सकता है, तो शायद हमें उसके सीखने के तरीके को सिखाना चाहिए।" चूँकि शिक्षण और शिक्षा सभी एक आकार के नहीं हैं। "

असफलता एक विकल्प है; गलतियाँ सीखने का एक अमूल्य हिस्सा हैं। शिक्षा अक्सर रैखिक नहीं होती है। यह सतत पुनरावर्ती चक्रव्यूह की प्रक्रिया है - अवलोकन, अन्वेषण, विश्लेषण और मूल्यांकन "मेरा शिक्षण दर्शन एक दोस्ताना जीवंत भाषा कक्षा को बनाए रखना है, इसलिए स्कूल सभी के लिए सीखने के लिए एक खुशी का स्थान है। जब आपके पास सीखने के लिए आवश्यक उपकरण होते हैं तो संभावनाएं अनंत होती हैं।" कहना न होगा कि 'शिक्षा एक बाल्टी भरना नहीं है, बल्कि एक आग का प्रकाश है।' उद्धरण मेरे शिक्षण दर्शन का ध्रुव तारा है। शिक्षा का अंत निश्चित रूप से दूसरों की सेवा में होना चाहिए, सामाजिक राष्ट्रीय उत्तरदायित्व का बोध ही मेरी भाषा शिक्षण दर्शन का परम लक्ष्य है।



पाठ्यक्रम विभाजन



कक्षा - IX विषय - हिन्दी

माह	अध्याय
अप्रैल	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-1 दो बैलों की कथा (गद्य)• पाठ-9 साखियाँ एवं सबद (पद्य)• कृतिका भाग-1<ul style="list-style-type: none">• पाठ-1 इस जल प्रलय में• लेखन एवं व्याकरण<ul style="list-style-type: none">• उपसर्ग-प्रत्यय
मई	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-2 ल्हासा की ओर (गद्य)
जून	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-10 वाख (पद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• अनुच्छेद लेखन
जुलाई	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-3 उपभोक्तावाद की संस्कृति• लेखन एवं व्याकरण<ul style="list-style-type: none">• अपठित गद्यांश
अगस्त	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-11 सवैये (पद्य) - रसखान• कृतिका भाग-1<ul style="list-style-type: none">• पाठ-2 मेरे संग की औरतें• लेखन एवं व्याकरण<ul style="list-style-type: none">• पत्र लेखन• पठित गद्यांश-पद्यांश
सितम्बर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-4 साँवले सपनों की याद (गद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• समास• लघुकथा लेखन• अर्थ की दृष्टि से वाक्य-भेद
अगस्त	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-12 कैदी और कोकिला (पद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• अलंकार - अनुप्रास, यमक, उपमा, रूपक



पाठ्यक्रम विभाजन



CLASS IX – ENGLISH

माह	अध्याय
नवम्बर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-12 कैदी और कोकिला (पद्य)• कृतिका भाग-1<ul style="list-style-type: none">• पाठ-2 मेरे संग की औरतें• लेखन एवं व्याकरण<ul style="list-style-type: none">• सूचना लेखन
दिसम्बर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-7 मेरे बचपन के दिन (गद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• औपचारिक ई-मेल लेखन
जनवरी	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-15 मेघ आए (पद्य)• पाठ-17 बच्चे काम पर जा रहे हैं (पद्य)
फरवरी	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पुनरावृत्ति-कार्य• कृतिका भाग-1<ul style="list-style-type: none">• पुनरावृत्ति-कार्य• लेखन एवं व्याकरण<ul style="list-style-type: none">• पुनरावृत्ति-कार्य



पाठ्यक्रम विभाजन



कक्षा - X विषय - हिन्दी

माह	अध्याय
अप्रैल	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-10 नेताजी का चश्मा (गद्य)• पाठ-1 सूरदास - पद (पद्य)• कृतिका भाग-1<ul style="list-style-type: none">• पाठ-1 माता का अँचल• लेखन एवं व्याकरण<ul style="list-style-type: none">• रचना के आधार पर वाक्य-भेद
मई	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-11 बालगोबिन भगत (गद्य)
जून	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-12 लखनवी अंदाज (गद्य) - यशपाल• लेखन एवं व्याकरण<ul style="list-style-type: none">• अनुच्छेद लेखन
जुलाई	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-2 राम-लक्ष्मण-परशुराम संवाद (पद्य)• पाठ-14 एक कहानी यह भी (गद्य).• लेखन एवं व्याकरण<ul style="list-style-type: none">• अपठित गद्यांश
अगस्त	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-4 आत्मकथ्य (पद्य)• पाठ-5 उत्साह, अट नहीं रही है (पद्य)• कृतिका भाग-1<ul style="list-style-type: none">• पाठ-3 साना साना हाथ जोड़ि...• लेखन एवं व्याकरण<ul style="list-style-type: none">• पत्र लेखन• पठित गद्यांश-पद्यांश
सितम्बर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-4 साँवले सपनों की याद (गद्य)• पाठ-6 यह दंतुरित मुसकान, फसल (पद्य)• पाठ-16 नौबतखाने में इबादत (गद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• वाच्य एवं उसके भेद• पद-परिचय• अलंकार (श्लेष, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)



पाठ्यक्रम विभाजन



कक्षा - X विषय - हिन्दी

माह	अध्याय
अक्टूबर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-16 नौबतखाने में इबादत (गद्य)• पाठ-17 संस्कृति (गद्य)• लेखन एवं व्याकरण<ul style="list-style-type: none">• विज्ञापन लेखन / संदेश लेखन• औपचारिक ई-मेल लेखन
नवम्बर	<ul style="list-style-type: none">• क्षितिज भाग-1<ul style="list-style-type: none">• पाठ-9 संगतकार (पद्य)• दोहरान कार्य (द्वितीय सप्ताह)• लेखन एवं व्याकरण<ul style="list-style-type: none">• स्ववृत्त लेखन• दोहरान कार्य (द्वितीय सप्ताह)



विषय संवर्धन गतिविधि



कक्षा - छठी से आठवीं विषय संवर्धन क्रिया कलाप

माह	क्रियाकलाप	मूल्यांकन क्षेत्र
अप्रैल	• भाषण वितरण	<ul style="list-style-type: none">• उच्चारण 2 अंक• विषय संबंधित सामग्री 2 अंक• आत्मविश्वास 1 अंक
जुलाई	• संवाद	<ul style="list-style-type: none">• उच्चारण 2 अंक• प्रवाह गति 2 अंक• आत्मविश्वास 1 अंक
अगस्त	• आशुभाषण	<ul style="list-style-type: none">• उच्चारण 2• विषय संबंधित सामग्री 2• आत्मविश्वास 2• समय प्रवाह 1
सितम्बर	• देखो और बताओ	<ul style="list-style-type: none">• प्रासंगिकता 2 अंक• वाक्यों का गठन 2 अंक• समग्र प्रभाव 1 अंक
नवम्बर	• काव्य पाठ	<ul style="list-style-type: none">• आरोह अवरोह 2 अंक• प्रस्तुतीकरण 2 अंक• समग्र प्रभाव 1 अंक



Meet the Teacher

GARGEES GHOSH

About Me

"HELLO, EVERYONE! MY NAME IS [GARGEES GHOSH], AND I'M THRILLED TO BE YOUR MATHEMATICS TEACHER THIS YEAR. I'LL BE GUIDING YOU THROUGH THE EXCITING WORLD OF NUMBERS, SHAPES, AND PROBLEM-SOLVING."

SUBJECT TAUGHT

I TEACH MATHEMATICS IN CLASS 6 AND 9

TEACHING PHILOSOPHY

MATHEMATICS SHOWS HOW TO FIND COMMON PATTERNS IN SEEMINGLY DISCONNECTED EVENTS. ALL MY MATHEMATICAL ACTIVITIES IN GENERAL, AND MY TEACHING IN PARTICULAR, ARE DRIVEN BY THIS CORE REALIZATION. TO ME, MATHEMATICS IS A WHOLE. THUS THE RESEARCH I DO AS A TEACHER, THE LECTURES I PRESENT TO MY STUDENTS, THE DISCUSSIONS I HAVE WITH THEM DURING MY DUTY HOURS ARE ALL PART OF A HOLISTIC ENRICHMENT. AS I SEE IT, MATHEMATICS IS THE UNIFYING THEME THAT UNDERLIES ALMOST EVERY HUMAN ENDEAVOR. WHEN I TEACH MATHEMATICS, I AM PRIMARILY MOTIVATED TO HELP MY STUDENTS APPRECIATE THIS ROLE OF MATHEMATICS AS THEY LEARN.





SUBJECT ENRICHMENT ACTIVITIES



CLASS IX MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• TO CONSTRUCT A SQUARE ROOT AND SPIRAL REPRESENTATION IRRATIONAL NUMBER ON NUMBER LINE.	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
MAY	<ul style="list-style-type: none">• VERIFY EXPERIMENTALLY THE ALGEBRAIC IDENTITY	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
JUNE	<ul style="list-style-type: none">• REPRESENT ONE TERMINATING AND ONE NONTERMINATING NUMBER ON NUMBER LINE	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
JULY	<ul style="list-style-type: none">• VERIFY EXPERIMENTALLY THE CUBIC ALGEBRAIC IDENTITY	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
AUGUST	<ul style="list-style-type: none">• CHOOSE AT LEAST 4 POINTS AND PLOT THEM ON A GRAPH PAPER AND FIND THE MIRROR IMAGES ABOUT BOTH AXIS	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none">• TO VERIFY THE EXTERIOR ANGLE PROPERTY OF A TRIANGLE BY PAPER CUTTING AND PASTING	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS IX MATHEMATICS

MONTH	ACTIVITIES	RUBRICS
OCTOBER	<ul style="list-style-type: none">• IN AN ISOSCELES TRIANGLE ANGLES OPPOSITE TO EQUAL SIDES ARE EQUAL - PROVE BY PAPER CUTTING AND PASTING METHOD	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1
NOVEMBER	<ul style="list-style-type: none">• SUM OF ALL ANGLES IN A QUADRILATERAL IS 360 BY PAPER CUTTING AND PASTING METHOD	<ul style="list-style-type: none">• UNDERSTANDING = 1• PROBLEM-SOLVING = 1• CRITICAL THINKING = 1• PARTICIPATION = 1• MISTAKE ANALYSIS = 1



SUBJECT ENRICHMENT ACTIVITIES



CLASS VI ENGLISH

MONTH	ACTIVITIES	RUBRICS
APRIL MAY	<ul style="list-style-type: none">FIND $3+7$, $9-6$, 2×6 USING NUMBER LINES	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1
JUNE JULY	<ul style="list-style-type: none">WRITE ALL WHOLE NUMBERS FROM 1 TO 150 AND ENCIRCLE ALL PRIME NUMBERS.	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1
AUGUST	<ul style="list-style-type: none">DRAW A ROUGH SKETCH OF RAY, LINE, LINE SEGMENT, A PAIR OF INTERSECTING STRAIGHT LINE	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1
SEPTEMBER	<ul style="list-style-type: none">DRAW A POLYGON HAVING 6 SIDE 7 SIDE , 8 SIDE	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1
OCTOBER NOVEMBER	<ul style="list-style-type: none">DRAW A ROUGH SKETCH OF A CIRCLE AND IDENTIFY RADIUS, DIAMETER, CENTRE, CHORD , SECTOR, SEGMENT	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1
DECEMBER	<ul style="list-style-type: none">DRAW THE FOLLOWING 3D FIGURES OF CUBOID, TRIANGULAR PRISM, TRIANGULAR PYRAMID.	<ul style="list-style-type: none">UNDERSTANDING = 1PROBLEM-SOLVING = 1CRITICAL THINKING = 1PARTICIPATION = 1MISTAKE ANALYSIS = 1

SPLIT UP SYLLABUS

CLASS VI MATHEMATICS



MONTH	ACTIVITIES
APRIL	<ul style="list-style-type: none">• KNOWING OUR NUMBER, WHOLE NUMBERS
MAY	<ul style="list-style-type: none">• PLAYING WITH NUMBER
JUNE	<ul style="list-style-type: none">• PLAYING WITH NUMBER
JULY	<ul style="list-style-type: none">• PLAYING WITH NUMBER, BASIC GEOMETRIC IDEAS
AUGUST	<ul style="list-style-type: none">• UNDERSTANDING ELEMENTARY SHAPES , INTEGERS
SEPTEMBER	<ul style="list-style-type: none">• INTEGERS, FRACTION
OCTOBER	<ul style="list-style-type: none">• DECIMALS
NOVEMBER	<ul style="list-style-type: none">• DATA HANDLING, MENSURATION
DECEMBER	<ul style="list-style-type: none">• ALGEBRA
JANUARY	<ul style="list-style-type: none">• RATIO AND PROPORTION
FEBRUARY	<ul style="list-style-type: none">• SYMMETRY, PRACTICAL GEOMETRY



SPLIT UP SYLLABUS

CLASS IX MATHEMATICS



MONTH	ACTIVITIES
APRIL	<ul style="list-style-type: none">• NUMBER SYSTEM
MAY	<ul style="list-style-type: none">• POLYNOMIAL
JUNE	<ul style="list-style-type: none">• POLYNOMIAL
JULY	<ul style="list-style-type: none">• LINEAR EQUATIONS IN TWO VARIABLES. & COORDINATE GEOMETRY
AUGUST	<ul style="list-style-type: none">• INTRODUCTION TO EUCLID GEOMETRY. & LINES AND ANGLES
SEPTEMBER	<ul style="list-style-type: none">• TRIANGLES
OCTOBER	<ul style="list-style-type: none">• QUADRILATERAL AND CIRCLE
NOVEMBER	<ul style="list-style-type: none">• CIRCLE & HERONS FORMULA
DECEMBER	<ul style="list-style-type: none">• SURFACE AREA AND VOLUME
JANUARY	<ul style="list-style-type: none">• STATISTICS
FEBRUARY	<ul style="list-style-type: none">• REVISION



Meet the Teacher

DEVASMITA ADHIKARY

About Me

"HELLO, EVERYONE! MY NAME IS DEVASMITA ADHIKARY, AND I AM DELIGHTED TO BE YOUR POLITICAL SCIENCE TEACHER FOR CLASS 12 AND CLASS 8. POLITICAL SCIENCE, AS A SUBJECT, IS AN EXPLORATION OF THE SYSTEMS, INSTITUTIONS, AND BEHAVIORS THAT SHAPE OUR POLITICAL WORLD.

SUBJECT TAUGHT

I TEACH POLITICAL SCIENCE.(XI - XII) AND SOCIAL SCIENCE (VII).

TEACHING PHILOSOPHY

I BELIEVE THAT EACH CHILD IS UNIQUE WITH DIFFERENT INTERESTS, BACKGROUNDS, AND DEVELOPMENTAL STAGES. AS A MATHEMATICS TEACHER I WILL VALUE AND DEVELOP EACH CHILD'S STRENGTHS, INTERESTS, SKILLS, ABILITIES AND KNOWLEDGE AS FAR AS POSSIBLE TO EXTEND THEIR LEARNING.

MY TEACHING PHILOSOPHY IS THAT ALL TEACHING AND LEARNING EXPERIENCES SHOULD BE SELF-MOTIVATED, BURDEN-LESS AND JOYFUL. I WANT TO LET THE CHILDREN LEARN AT THEIR SELF PACE IN VERY NATURAL SURROUNDINGS.



SPLIT UP SYLLABUS



CLASS XII POLITICAL SCIENCE

MONTH	ACTIVITIES
APRIL	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• THE END OF BIPOLARITY• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• CHALLENGES OF NATION BUILDING
MAY JUNE	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• NEW CENTRES OF POWER• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• ERA OF ONE PARTY DOMINANCE
JUNE JULY	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• CONTEMPORARY SOUTH ASIA• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• POLITICS OF PLANNED DEVELOPMENT
JULY	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• CONTEMPORARY SOUTH ASIA• UNITED NATIONS AND ITS ORGANIZATION• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• INDIA `S EXTERNAL RELATIONS
AUGUST	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• SECURITY IN THE CONTEMPORARY WORLD• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM• THE CRISIS OF DEMOCRATIC ORDER
SEPTEMBER	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• ENVIRONMENT AND NATURAL RESOURCES• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• REGIONAL ASPIRATIONS
OCTOBER	<ul style="list-style-type: none">• PART - A: CONTEMPORARY WORLD POLITICS<ul style="list-style-type: none">• GLOBALIZATION• PART - B: POLITICS IN INDIA SINCE INDEPENDENCE.<ul style="list-style-type: none">• RECENT DEVELOPMENTS IN INDIAN POLITICS



SUBJECT ENRICHMENT ACTIVITIES



CLASS XII POLITICAL SCIENCE

MONTH	ACTIVITIES	RUBRICS
APRIL - MAY	• CHAPTER WISE CLASS TEST	• PREPAREDNESS (3) • CORRECTION (4) • ATTEMPT (3)
JUNE - JULY	• GROUP DISCUSSION, QUIZ	• PERFORMANCE (5) • APPROACHES (4) • ATTITUDE (4) • EYE CONTACT (3)
AUGUST- SEPT.	• ART INTEGRATED PROJECT WORK	• EVIDENCE THROUGH RESEARCH (4) • ORGANIZE INFORMATION (5)
OCT. - NOV.	• MAP WORK, CARTOONS	• CORRECTNESS (3) • ATTEMPT (2)
DEC. -JAN.	• ACHIEVEMENT TEST	• PREPAREDNESS (4) • CORRECTION (3) • ATTEMPT (4)

Meet the Teacher

SUSAN STELLA NAG



About Me

HELLO EVERYONE, WELCOME TO OUR WORK EDUCATION CLASS! IN THIS CLASS, WE'LL BE EXPLORING VARIOUS SKILLS AND KNOWLEDGE THAT ARE ESSENTIAL FOR PRACTICAL LIFE. FROM LEARNING ABOUT DIFFERENT OCCUPATIONS TO UNDERSTANDING THE IMPORTANCE OF TEAMWORK AND PROBLEM-SOLVING, WE'LL EMBARK ON A JOURNEY OF DISCOVERY AND SKILL-BUILDING.

SUBJECT TAUGHT

I TEACH WORK EDUCATION FROM CLASS 3 TO 8

TEACHING PHILOSOPHY

MY TEACHING PHILOSOPHY AS A WORK EDUCATION TEACHER WILL BE TO ENABLE STUDENTS TO ACQUIRE KNOWLEDGE AND SKILLS TO BE READY FOR CURRENT SOCIETAL NEEDS BY IMPARTING KNOWLEDGE, ATTITUDES AND SKILLS THROUGH HAND HOLDING .

STUDENTS WILL BE HAPPY WHEN ENGAGED IN WORK ENVIRONMENT WHICH WILL INSTIL CREATIVITY AND LEARNING AND FACILATE LEARNING ENVIRONMENT.. EDUCATION CANNOT BE TAKEN APART FROM PHYSICAL WORK FOR SOCIAL CULTURAL AWAKENING . WORK MUST BE SEEN AS WAY FOR EDUCATION BECAUSE EXPERIENCE IS WINDOW TO OUR MIND.

MY PHILOSOPHY WILL BE BASED ON STUDENTS ABILITY , INTEREST AND NEED. INCULCATE DIGNITY OF WORK AND LABOUR, CONTRIBUTION TO PERSONAL DEVELOPMENT AND PLACE FOR CREATIVITY AND IMAGINATION .IN ADDITION TO COMBINING EDUCATION AND WORK STUDENTS ACHIEVE GOALS OF KNOWLEDGE,LIFE SKILLS AND VALUES IF JOB EDUCATION VOCATIONAL EDUCATION HAS PSYCHOLOGICAL AND SOCIAL FOUNDATION .



SUBJECT ENRICHMENT ACTIVITIES



CLASS III to V WORK EDUCATION

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• CRAFT WORK/ORIGAMI MAKING BIRD AND CAPS	<ul style="list-style-type: none">• SKILLS AND COMPETENCIES
MAY/JUNE	<ul style="list-style-type: none">• PAPER CUTTING AND PASTING OF GEOMETRICAL SHAPES	<ul style="list-style-type: none">• WORK QUALITY• KNOWLEDGE• UNDERSTANDING
JULY	<ul style="list-style-type: none">• RATH MAKING AND RAKEE MAKING	<ul style="list-style-type: none">• OVERALL WORK QUALITY AND PRESENTATION.
AUGUST	<ul style="list-style-type: none">• FLOWER MAKING AND MAKING DIFFERENT DECORATIVE ITEMS	<ul style="list-style-type: none">• SKILLS USED• INNOVATION,• CREATIVITY AND DISPLAY• PRESENTATION
SEPTEMBER	<ul style="list-style-type: none">• MAKING BEST OUT OF WASTE	<ul style="list-style-type: none">• UNDERSTANDING• USE OF TECHNICAL• SKILLS.PRESENTATION
OCTOBER	<ul style="list-style-type: none">• GARDENING AND PLANTATION	<ul style="list-style-type: none">• KNOWLEDGE• UNDERSTANDING OF NATURE.• INTEREST/ ARTICIPATION
DECEMBER	<ul style="list-style-type: none">• MAKING GREETING CARD AND CHRISTMAS DECORATIONS	<ul style="list-style-type: none">• CREATIVE SKILLS• PRESENTATION• APPLICATION
JANUARY FEBRUARY	<ul style="list-style-type: none">• CLEANLINESS DRIVE.	<ul style="list-style-type: none">• UNDERSTANDING• KNOWLEDGE INVOLVEMENT.



SUBJECT ENRICHMENT ACTIVITIES



Class VI

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• AWARENESS OF DIFFERENT TYPES OF WORK/OCCUPATION• COLLAGE MAKING	<ul style="list-style-type: none">• UNDERSTANDING AND KNOWLEDGE• CREATIVITY.PRESENTATION
MAY/JUNE	<ul style="list-style-type: none">• DRAW SAFETY DIAGRAM, WRITE SLOGANS	<ul style="list-style-type: none">• SUBJECT AWARENESS QUIZ ON THE SAFETY TIPS.
JULY	<ul style="list-style-type: none">• DISASSEMBLING OF DIFFERENT TYPES OF ELECTRICAL ACCESSORIES• MAKING RAKHI	<ul style="list-style-type: none">• TECHNICAL SKILLS AND UNDERSTANDING• CREATIVE SKILLS.
AUGUST	<ul style="list-style-type: none">• ASSEMBLING OF ELECTRICAL CIRCUIT	<ul style="list-style-type: none">• UNDERSTANDING AND KNOWLEDGE.
SEPTEMBER	<ul style="list-style-type: none">• CONNECT BULB WITH HOLDER THROUGH SWITCH.	<ul style="list-style-type: none">• KNOWLEDGE,• IDENTIFICATION• TECHNICAL SKILLS.
OCTOBER	<ul style="list-style-type: none">• DRAWING DIAGRAM OF LINE TESTER AND USING IT PRACTICALLY	<ul style="list-style-type: none">• PRACTICAL KNOWLEDGE.
NOVEMBER	<ul style="list-style-type: none">• CONNECTING OF SERIES LAMPS FOR DECORATION.• MAKING DECORATIVE ITEMS FOR DEEPAWALI.	<ul style="list-style-type: none">• CREATIVE SKILLS• PRESENTATION• APPLICATION
DECEMBER	<ul style="list-style-type: none">• MAKING DECORATIVE ITEMS FOR CHRISTMAS.• DRAWING OF CELL	<ul style="list-style-type: none">• UNDERSTANDING• KNOWLEDGE INVOLVEMENT.
JANUARY/ FEBRUARY	<ul style="list-style-type: none">• IDENTIFICATION OF DOMESTIC APPLIANCES AND MAKING MODELS OF IT.	<ul style="list-style-type: none">• UNDERSTANDING AND KNOWLEDGE OF APPLICATION QUIZ.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VII

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• STUDY OF ALTERNATING CURRENT AND DIRECT CURRENT,• IT'S SOURCES AND APPLICATION	<ul style="list-style-type: none">• UNDERSTANDING AND PRIOR KNOWLEDGE .• PUZZLES AND QUIZ.
MAY/JUNE	<ul style="list-style-type: none">• IDENTIFICATION OF DYNAMIC AND STATIC ELECTRICITY	<ul style="list-style-type: none">• UNDERSTANDING AND KNOWLEDGE.
JULY	<ul style="list-style-type: none">• DRAW /MAKE MODEL OF STRUCTURE OF ATOM	<ul style="list-style-type: none">• CREATIVE SKILLS AND INNOVATION,
AUGUST	<ul style="list-style-type: none">• CHART PREPARATION OF ELECTRICAL TERMS AND UNITS	<ul style="list-style-type: none">• UNDERSTANDING• KNOWLEDGE.
SEPTEMBER	<ul style="list-style-type: none">• DRAWING OF ELECTROMAGNET AND POT PAINTING	<ul style="list-style-type: none">• KNOWLEDGE,• IDENTIFICATION• TECHNICAL SKILLS.
OCTOBER	<ul style="list-style-type: none">• IDENTIFICATION AND FINDING DIFFERENCE BETWEEN CELL AND BATTERY THROUGH DIAGRAMS	<ul style="list-style-type: none">• PRACTICAL KNOWLEDGE.
NOVEMBER	<ul style="list-style-type: none">• PLANTATION OF VEGETABLES AND FLOWERS.	<ul style="list-style-type: none">• PARTICIPATION, SKILLS
DECEMBER	<ul style="list-style-type: none">• DECORATIVE ITEMS FOR CHRISTMAS	<ul style="list-style-type: none">• PRESENTATION• CREATIVE SKILLS.
JANUARY/ FEBRUARY	<ul style="list-style-type: none">• CRAFT WORK	<ul style="list-style-type: none">• INNOVATION AND CREATIVE SKILLS.



SUBJECT ENRICHMENT ACTIVITIES



CLASS VIII

MONTH	ACTIVITIES	RUBRICS
APRIL	<ul style="list-style-type: none">• WRITE ABOUT SAFETY RULES AND PRECAUTIONS WHILE WORKING WITH ELECTRICAL SYSTEM	<ul style="list-style-type: none">• AWARENESS AND KNOWLEDGE
MAY/JUNE	<ul style="list-style-type: none">• PREPARE FIRST AID BOX	<ul style="list-style-type: none">• KNOWLEDGE OF FIRST AID• PREPARATION OF FIRST AID BOX• QUIZ ON TREATMENT
JULY	<ul style="list-style-type: none">• LEARNING HOW REPLACE FUSE WIRE	<ul style="list-style-type: none">• TECHNICAL SKILLS
AUGUST	<ul style="list-style-type: none">• OBSERVATION OF HOUSE WIRING	<ul style="list-style-type: none">• AWARENESS• UNDERSTANDING
SEPTEMBER	<ul style="list-style-type: none">• PRACTICE HOUSE WIRING	<ul style="list-style-type: none">• TECHNICAL SKILLS APPLIED
OCTOBER	<ul style="list-style-type: none">• SERIES AND PARALLEL CONNECTION 9	<ul style="list-style-type: none">• TECHNICAL SKILLS AND INNOVATION
NOVEMBER	<ul style="list-style-type: none">• PLANTATION DRIVE	<ul style="list-style-type: none">• NATURE AWARENESS
DECEMBER	<ul style="list-style-type: none">• MAKING DECORATIVE ITEMS WITH WASTE MATERIALS	<ul style="list-style-type: none">• PRESENTATION,• KOCREATIVE SKILLS• INNOVATION
JANUARY/ FEBRUARY	<ul style="list-style-type: none">• IDENTIFICATION OF SEMICONDUCTOR DEVICES	<ul style="list-style-type: none">• UNDERSTANDING• KNOWLEDGE.