

PM SHRI KENDRIYA VIDYALAYA AJNI SHIFT-II NAGPUR
SUMMER HOLIDAY HOMEWORK

Class I

Subject: Math

- 1) Write numbers from 1 to 100.
- 2) Write and learn number names from 1 to 20.
- 3) Observe different shapes and patterns around you.

Subject: Music

Learn Vidyalaya Prarthna geet and National Anthem

Subject: Hindi

- 1) हिंदी वर्णमाला लिखो और रोज़ पढ़ने का अभ्यास करो।
- 2) अपनी मनपसंद हिंदी कहानी की किताब पढ़ो।
- 3) अपना पूरा नाम हिंदी में लिखने का अभ्यास करो।

Class II

Subject: Math

- 1) Learn number names from 1 to 100
- 2) Learn tables upto 20
- 3) Practice two digit addition sums
- 4) Practice two digit subtraction sums
- 5) Practice reading Maths textbook

Subject: Music

Learn Vidyalaya Prarthna geet and National Anthem

Subject: Hindi

हाथी का चित्र चिपकाए और उसके बारे में 5 वाक्य लिखे।

वर्णमाला का अभ्यास करें।

अपने घर की वस्तुओं का नाम हिंदी में याद करें।

अपना परिचय याद करें।

Subject: English

- 1) Read one paragraph of your English textbook daily
- 2) Practice English handwriting.
- 3) Paste name slips of different things on different items at home
- 4) Practice English speaking

CLASS -3

ENGLISH

1. Collect any 5 word / picture puzzles on animals and paste.
2. Paste the pictures and write the names of animals and their shelter.
3. Paste the picture of your favourite animal and write why do you like it.
4. Make any 5 animal finger puppets

MATHS

1. Make a collage of any animal using colour paper/ color foam sheet shapes cut out.
2. Cut and paste the pictures of animals in ascending order of their height.
3. Refer page no. 9 ,make animal and bird faces on old small boxes, cans, plastic bottles etc.
4. Observe the animals wherever you go, collect the data and make a table as follows.

S.N.	Animal	How many
1	Buffalo	_____
2	_____	_____

हिन्दी

1. पाँच जंगली जानवरों की जानकारी एकत्र करो और लिखो (चित्र चिपकाएं)।
2. आपके पसंदीदा जानवर का मॉडल बनाओ।
3. हम जानवरों की मदद कैसे कर सकते हैं, इसके बारे में पाँच वाक्य लिखो।

THE WORLD AROUND US

1. **Classify the animals in the following groups**

a)Animals whose ears can be seen

b)Animals whose ears cannot be seen

c)Animals who have feathers on skin

d)Animals who have hair on skin

e)Animals who lay eggs

f) Animals who give birth to the babies

MUSIC

1. Learn Assamese and Kannad song and write it in Music notebook and plane paper.

ART EDUCATION

1. Drawing a beautiful big butterfly and color it.

Class IV

Subject: Math

Visit the Grocery market , vegetable market , Fruit market along with your parents and have first hand experience of buying things. Take note of quantity and price. (Once a week)

Subject: Music

Learn Asami and Kannada songs, and write them in your music notebook and on a plain paper

Subject: ART EDUCATION

Draw a beautiful bird like a peacock and colour it.

Subject: Computer

- **Fill in the blanks:** The _____ is the main processing unit of a computer.
The _____ is a tool used to type text into a computer.
- What is the difference between hardware and software?
- **True or false:** "A computer can only perform one task at a time."

Subject: Hindi

- 1) विभिन्न पक्षियों के चित्र चिपकाओ।(C.W. नोटबुक में)
- 2) अपने मनपसंद पक्षी का चित्र चिपकाकर पाँच वाक्य लिखो।(C.W. नोटबुक में)
- 3) अपनी मनपसंद कहानी की किताब पढ़ो।
- 4) हिंदी समाचार पत्र पढ़ने का अभ्यास करो।

Subject: EVS

Find facts about the seven wonders of the world

Practice the concept of living in harmony by organising events like community lunch etc.

Observe your environment and know about the people who are making our lives easy by their work.

Subject: English

Q1. Write a short paragraph about a meal you enjoyed with your family. What made it special?

Q2. What is the traditional dish of your state? Write a brief note on the preparation of that dish and draw pictures.

Class 5

Subject - English

- 1) Read English stories daily
- 2) Write 2 sentences with different verbs (action words) daily.
- 3) Describe any one thing of your surroundings.
- 4) Listen English news.
- 5) Practice English speaking.

Subject - EVS

Do the moon observation , Sky Observation and note down your observation with the help of following points.

1)Date,Time of Observation

2)Sky Colour

3)Clouds (Yes/No)

4)Sun/Moon Position

5)Other Observations

Collect information about different landforms with the help of following points

1)Type of Landform (plain coastal/mountain desert)

2)Local Name of the Landform

3) Features of the Landform

4) Plants Found

5) Animals Found

6) Clothing

7) Food Commonly Eaten by
People

8) Crops Grown
(if any)

9) Maximum and Minimum Temperature (0°C) (from news paper or any other
source)

Subject - MUSIC

Learn Asami and Kannada songs, and write them in your music notebook and on
a plain paper.

Subject: ART EDUCATION

Make a project on any classical dance form and paste photos of the dance.

Subject: Hindi

1. पंचतंत्र और बीरबल की प्रसिद्ध कहानियाँ पढ़ो ।
2. हर दिन कम से कम हिंदी के दो नए शब्द ढूँढो और अवकाश के बाद कक्षा में साँझा करो ।
3. कोई एक ऐतिहासिक/संस्कृतिक/प्राकृतिक जगह पर भेट देकर अपने अनुभव को कक्षा में साँझा करो ।

Subject: Computer

- **Fill in the blanks:** The _____ is the main processing unit of a computer.
The _____ is a tool used to type text into a computer.
- What is the difference between hardware and software?
- **True or false:** "A computer can only perform one task at a time."

Subject: Math

Learn tables upto 25

Measure the length and breadth of different Indian currency notes and
paste them in a file and write about the places on the back of the notes.

Go to market with parents and learn about the transactions being done at different places.

CLASS- VI

SUBJECT: ENGLISH

1. Purchase a story book & a crossword puzzle book. Enjoy the books during your holidays !
2. Write an application to your class teacher for 2 days leave, as you are suffering from fever. (CW copy)
3. Write 10 lines on "MY STRENGTH - MY FAMILY " & paste your family photo . (CW copy)
4. Multi disciplinary project
5. Prepare STORY CARDS for any 1short story with a good moral message. Practice to narrate it for SPEAKING ACTIVITY .
6. Write any 5 good THOUGHTS on importance of education/ books/moral values etc . Learn and follow them. (coloured sheet)
7. Read English newspaper/English comic/English stories/ your text books daily.
8. SCHOOL MAGAZINE : Be ready with your art craft work/ drawings/articles/poems/etc for the SCHOOL MAGAZINE . (Keep it in SOFT COPY with your name & class mentioned in it.)

IMPORTANT :

1. Do regular yoga and exercise.
2. Help your parents at home.
3. Develop your hobby .

SUBJECT: SCIENCE

1. Name five trees, shrubs and herbs.
2. **Which of the following is NOT a habitat?**
 - (a) Forest
 - (b) Desert
 - (c) Tree
 - (d) Ocean
3. **Which of the following is a characteristic of a shrub?**
 - (a) Grows very tall with a thick trunk
 - (b) Has many woody stems starting close to the ground
 - (c) Has a soft green stem
 - (d) Needs no support to grow
4. Name five creepers.

5. Name five climbers.
6. What does diversity in plants and animals mean?.
7. How can leaves differ among plants?.
8. What type of root system do grasses have?.
9. Classify the following into **living** and **nonliving**:
Ants, paper, seed, wood, plants, animals, trees, fallen bark of tree trunk, dry leaves, butterfly and birds.
10. Give an example of a plant with reticulate venation.
11. How do plants adapt to survive in deserts?
12. Give an example of an aquatic habitat and an organism that lives there.
13. What type of venation is found in the leaves of monocots?.
14. How do amphibians differ from other animals in terms of habitat?
15. How is hot desert camel different from cold climate camel?
16. What adaptation helps camels survive in the desert?
17. Which tree is adapted to snowy mountain conditions?
18. What are the different parts of plant?
19. Make a poster on “**world water day**” on chart paper or drawing sheet.
20. Prepare MDP

SUBJECT : MATHS

1. Represent $\sqrt{5}$ on number line using spiral root method. Write steps of construction & justify your answer
2. Represent $\sqrt{6.5}$ on number line. Write steps of construction & justify your answer
3. Represent $-\frac{13}{5}$ and $\frac{9}{5}$ on number line.
4. Learn and Write algebraic identities
5. Make a list of laws of exponents.
6. Factorise

a) $x^2 - 4x - 21$ b) $x^2 - 19x + 78$ c) $x^2 + 9x + 18$
7. If $x+y=12$ and $xy=6$, find the value of x^2+y^2 .
8. If $a = 2+\sqrt{3}$, then find the value of $a - 1/a$
9. If $a = 5 - 2\sqrt{5}$, then find a^2
10. Learn and write formulae for area and perimeter of plane figures(draw figures)
11. Make any project or mathematical toy
12. Make a project on life history and their contribution in maths of any mathematician.

SUBJECT: LIBRARY

1. **Read and Review:** Read one storybook or novel and write a review (mention title, author, characters, setting, summary, and what you liked/disliked).
2. **Bookmark Making:** Design 2 bookmarks based on the books you read.

विषय – संस्कृत

1. वर्णमाला अ आ इ इ मात्रा के साथ लिखिए (२ लाईन में लिखे) (पेज नं 4 से 9 तक)
2. प्रतिदिन २ लाईन में शुद्धलेखन स्वच्छ और सुंदर अक्षरो में लिखे ।
3. पेज न. शरीर के अंगों के नाम लिखे तथा चित्र चिपकाओ । (पेज नं 155)

ग्रीष्मकालीन अवकाश गृहकार्य (हिंदी)

- पठन अभ्यास: प्रतिदिन समाचार पत्र का अपनी पसंद का एक पृष्ठ पढ़ें और उसमें आए कठिन शब्दों के अर्थ हिंदी शब्दकोश में से खोजें।
- अनुच्छेद लेखन: "मेरा प्रिय खिलाड़ी" पर अनुच्छेद लिखिए।
- कथा लेखन: कोई भी एक कहानी शीर्षक एवं शिक्षा सहित लिखिए।
- पुल्लिंग और स्त्रीलिंग शब्दों की सूची बनाइए (20 शब्द)।
- एकवचन शब्दों को बहुवचन में बदलिए। (20 शब्द)।
- 20 पर्यायवाची (समानार्थी) शब्दों की सूची बनाइए।
- बहु-अनुशासनात्मक परियोजना (MDP) तैयार कीजिए।

SUBJECT: COMPUTER

1. Paste the images of three famous search engines.
2. Paste the images of three famous browsers.
3. Paste the LOGO of any three operating system with their name used in computer.

SUBJECT: Art and craft

1. Make 02 Book marks by using colour papers .
2. Draw an animal & colour it by using different lines,curve

SUBJECT: SOCIAL SCIENCE

LIST OF PROJECT WORK:

Sr. No.	TITLE OF THE PROJECT	MODE	REFERENCE
1.	<u>IDP: Inter-Disciplinary Project:</u> H3. The Making of a Global World + G7. Lifelines of National Economy + E4. Globalisation and the Indian Economy.	Hand Made File	CBSE CURRICULUM (2025-26). Annexure-III B
2.	<u>Any one Project:</u> a. Consumer Awareness OR b. Social Issues OR c. Sustainable Development	Hand Made File	CBSE CURRICULUM (2025-26) Annexure- III A
3.	<u>Map Work</u> (Separate Maps for Separate Topics)	Hand Made File	CBSE CURRICULUM (2025-26) List of Map Items.

LIST OF ASSIGNMENTS: NOTES

Sr. No.	TITLE OF THE CHAPTER	MODE	TEXTBOOKS & REFERENCES
1.	H1. The Rise of Nationalism in Europe	Home Work Copy/ Register OR Separate copy for Notes	History- India and the Contemporary World-II CBSE CURRICULUM (2025-26)
2.	G1. Resources	Home Work Copy/ Register OR Separate copy for Notes	Geography- Contemporary India-II CBSE CURRICULUM (2025-26)

3.	E1. Development	Home Work Copy/ Register OR Separate copy for Notes	Economics CBSE CURRICULUM (2025-26)
4.	PS1. Power Sharing	Home Work Copy/ Register OR Separate copy for Notes	Democratic Politics- II CBSE CURRICULUM (2025-26)

Class VII

Subject: English

1. Purchase a story book & share your photo with it in your class group . Read and enjoy the book !
2. Write an application to your class teacher for 3 days leave, as you are going to Delhi to attend your cousin's marriage. (CW copy)
3. Write a paragraph on MY AMBITION IN LIFE . (CW copy)
4. Prepare STORY CARDS for any 1 story with moral value . Prepare it well for your SPEAKING ACTIVITY .
5. Write 5 good THOUGHTS on importance of education/ books/ moral values etc . Learn and follow them.
6. Read English newspaper/ English comic/ English stories/ your text books daily.
7. Multi disciplinary project
8. SCHOOL MAGAZINE : Be ready with art craft work/ drawings/ articles /poems/etc. in soft copy. Mention your name & class in it .
9. Learn some FIRELESS COOKING !

IMPORTANT :

1. Do regular yoga and exercise.
2. Help your parents at home.
3. Develop your hobby .

Subject: Math

1. Learn and write multiplication table from 1-20
2. Make models of 3D shapes

3. Paste rectangular shape and square shape. Write their dimensions (length and breadth). Calculate their perimeter and area
4. Classification of triangles write definition & paste cutouts
5. Write definition of proper & improper fraction & mixed fraction. Write one example of each. Paste the figures.
6. Write mathematical puzzle or magic square related with integers
7. Draw or paste polygons having 3 to 10 sides. Write their names.
8. Make any mathematical project or toy.
9. Write any five number patterns
10. Collect the data from your surroundings and draw its pictograph/ bargraph

ग्रीष्मकालीन अवकाश गृहकार्य (हिंदी)

- पठन अभ्यास: प्रतिदिन समाचार पत्र का अपनी पसंद का एक पृष्ठ पढ़ें और उसमें आए कठिन शब्दों के अर्थ हिंदी शब्दकोश में से खोजें।
- अनुच्छेद लेखन: "मेरा प्रिय खिलाड़ी" पर अनुच्छेद लिखिए।
- कथा लेखन: कोई भी एक कहानी शीर्षक एवं शिक्षा सहित लिखिए।
- पुल्लिंग और स्त्रीलिंग शब्दों की सूची बनाइए (20 शब्द)।
- एकवचन शब्दों को बहुवचन में बदलिए। (20 शब्द)।
- 20 पर्यायवाची (समानार्थी) शब्दों की सूची बनाइए।
- बहु-अनुशासनात्मक परियोजना (MDP) तैयार कीजिए।

SUBJECT – SANSKRIT

- ग्रीष्मकालीन अवकाश गृहकार्य
- अकारान्तः पुल्लिङ्गः शब्दः जनः लिखतु ।
- आकारान्तः स्त्रीलिङ्गः शब्दः कन्या लिखतु।
- अकारान्तः नपुंसकलिङ्गः जलम् लिखतु ।
- अस्मद्, युष्मद् सर्वनाम लिखतु ।

SUBJECT: SCIENCE

1. What is ingestion?
2. Name the various materials from which following things can be made:
3. Shoes, chair, coins, utensils, clothes.
4. Name the following
 - (a) A parasitic plant with a yellow, slender and branched stem.
 - (b) an insectivorous plant
5. Define the following terms: Nutrition, Autotrophs
6. Write names of ten acids and bases
7. Describe periodic motion.

8. Why is water called universal solvent?
9. List five each opaque and transparent materials.
10. Mention the methods that can be used for the separation of the following mixtures:

- i)wheat, sugar and husk
- ii)rice, gram and iron fillings
- iii)sand, Mack gram (urad) and husk.

11. Draw the labelled diagram of tongue showing different region for taste buds
12. Explain how assimilation is different from absorption.
13. Where is decantation used? Give two examples.
14. Make an MDP
15. Make a poster on “**world water day**” on chart paper or drawing sheet

SUBJECT: Art and craft

1. Make a Paper Bag
2. Draw an object drawing & colour it .

SUBJECT: Computer

1. Paste the images of three famous search engines.
2. Paste the LOGO of any three operating system with their names used in mobile phone.

SUBJECT: Library

3. **Read and Review:** Read one storybook or novel and write a review (mention title, author, characters, setting, summary, and what you liked/disliked).
4. **Bookmark Making:** Design 2 bookmarks based on the books you read.

SUBJECT: SOCIAL SCIENCE

5.

6. LIST OF PROJECT WORK:

Sr. No.	TITLE OF THE PROJECT	MODE	REFERENCE
1.	MDP- Multi-Disciplinary Project Topic: Renewable Energy a. Meaning: b. Explain with Examples: c. Draw Pictures of Sources:	Separate Notebook (100 Pages)	NCERT Books & Videos
2.	Visit a Historical or Geographical Place and provide the following information: A. Name of the Place. B. Location of the place. C. Importance of the place. D. Location of the place on the Map	Home Work Notebook	Atlas Tourist Guide Map
3.	Collection of Old Coins (Five old coins) OR Collection of Old Postage Stamps (Five old Stamps)	Collect in small box /Paste in the Home Work copy	Museum

Class VIII

Subject: English

1. Purchase a set of story books & cross word puzzles and enjoy the book !
2. Write a letter to your friend telling him/her about how you are spending your summer break. (CW copy)
3. Write a paragraph on KNOWLEDGE IS POWER . (CW copy)
4. Prepare a FABLE for SPEAKING ACTIVITY .
5. Read English newspaper/ English comic/ English stories/ your text books daily.
6. Multi disciplinary project (MDP) : File page
7. SCHOOL MAGAZINE : Be ready with art craft work/ drawings/ articles /poems/etc. (Keep a soft copy with your name & class in it)
8. Learn some SURVIVAL COOKING under the guidance of your parents. Like – rice & Dal, Khichdi, Poha, Flour kneading etc.

IMPORTANT :

1. Do regular yoga and exercise.
2. Help your parents at home.

3. Develop your hobby .

Have Happy and safe holidays !

Subject: MATHS

1. Learn and write multiplication table from 1-20
2. Make models of 3D shapes.
3. Write formula of area & perimeter of plane figures. Draw figures and label it.
4. Represent $-\frac{13}{5}$ and $\frac{9}{5}$ on number line.
5. Write magic square related with integer/ rational number
6. Draw or paste polygons having 3 to 10 sides. Write their names.
7. Write any two activities/ puzzles.
8. Write properties of rational numbers
9. Make any mathematical project or mathematical toy.

Subject: Hindi

- पठन अभ्यास: प्रतिदिन समाचार पत्र का अपनी पसंद का एक पृष्ठ पढ़ें और उसमें आए कठिन शब्दों के अर्थ हिंदी शब्दकोश में से खोजें।
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- कथा लेखन: कोई भी एक कहानी शीर्षक एवं शिक्षा सहित लिखिए।
- विशेषण और उसके भेदों को उदाहरण सहित लिखिए।
- 20 प्रमुख मुहावरों का अर्थ और वाक्य में प्रयोग कीजिए।
- 20 पर्यायवाची शब्दों की सूची बनाइए।
- बहु-अनुशासनात्मक परियोजना (MDP) तैयार कीजिए।

संपूर्ण लेखन कार्य ए4 आकार के पृष्ठ पर करें।

LIBRARY

1. **Author Profile:** Research and write about your favorite author—include their background and popular books.
2. **Quote Poster:** Choose a quote from a book and turn it into a decorative poster (digital or handmade).

SUBJECT: SCIENCE

1. What is a balanced diet?
2. Name the disease caused due to deficiency of Vitamin A and Iron.
3. Write the names of the different nutrients and their functions.
4. Can millets help to overcome any nutritional deficiencies?
5. How is millet cultivation helpful for the farmers?
6. Can millets be grown in adverse climatic conditions, such as in arid and hot regions?
7. What are the factors essential for seed germination?
8. How natural resources can be managed?
9. If the Earth's rotation were faster, how would the length of a day change?
10. Collect new agricultural machine pictures and paste in a file with their names and uses.
11. Collect different types of seeds and put them in small bags. Attach these bags in a herbarium file and label them.
12. Why it is easier to cut coal than an iron nail?
13. What is the ideal diet for the healthy growth of adolescents? Which nutrients should be included in their diet to meet their nutritional needs.
14. What might happen if the Earth did not rotate at all?
15. Differentiate between metals and non – metals.
16. . An incense stick is fixed pointing downward. In which direction will the smoke from the incense stick move? Show the movement of smoke by a diagram.
17. How can rusting be prevented?
18. Make an MDP .

SUBJECT – SANSKRIT

ग्रीष्मकालीन अवकाश गृहकार्य

अकारान्तः पुँल्लिङ्गः सेवक शब्दः लिखतु ।

आकारान्त स्त्रीलिङ्ग कला शब्दः लिखतु।

अकारान्तः नपुंसकलिङ्गः धनम् शब्दः लिखतु ।

किम् सर्वनाम पुँल्लिङ्गः स्त्रीलिङ्ग, नपुंसकलिङ्गे लिखतु ।

Subject : Art and craft

Make 02 memory drawing on given topic

- i . School Picnic
- ii. An ice cream shop
- iii. On a stage dance performance
- iv. A boating scene at River/Lake

Subject: Computer

1. How do you find the IP address of your computer system .Write the steps .

2. Research and write a short note on the history of computers.
3. Explain what a computer virus is and how to protect against it.
4. Research and write a short note on a specific computer security threat.

SUBJECT: SOCIAL SCIENCE

LIST OF PROJECT WORK:

Sr. No.	TITLE OF THE PROJECT	MODE	REFERENCE
1.	MDP- Multi-Disciplinary Project Topic: Renewable Energy a. Meaning: b. Explain with Examples: c. Draw Pictures of Sources:	Separate Notebook (100 Pages)	NCERT Books & Videos
2.	Visit a Historical or Geographical Place and provide the following information: A. Name of the Place. B. Location of the place. C. Importance of the place. D. Location of the place on the Map Location of the place on the Map	Home Work Notebook	Atlas Tourist Guide Map
3.	Collection of Old Coins (Five old coins) OR Collection of Old Postage Stamps (Five old Stamps)	Collect in small box /Paste in the Home Work copy	Museum

Class IX

Subject: English

READING :

1. Purchase 'WINGS OF FIRE' by A.P J Abdul Kalam .Read and enjoy the book !
2. Read English newspaper/English comic/English stories/ your text book daily.
3. Everyday read one example of letter to editor, story writing ,diary writing or unseen passage.

WRITING:

1. **BOOK REVIEW** : Write the book review of WINGS OF FIRE in your CW copy.
2. **BIO-SKETCH** : Write the bio-sketch of USTAD BISMILLAH KHAN in your CW copy. Paste the photographs too. **SPEAKING:**
Prepare a speech over the life of any one of the given names -
EVELYN GLENNIE / A.P.J. Abdul Kalam / USTAD BISMILLAH Khan/
Gurudev Rabindranath Tagore **PROJECT:**
Prepare a chart on any 1 chapter/poem/story from your syllabus or any Grammar topic.

SCHOOL MAGAZINE : Be ready with art craft work/ drawings/ articles/ poems/etc. for the school Magazine.(Keep in soft copy along with your name & class mentioned in it) **IMPORTANT :**

1. Do regular yoga and exercise.
2. Help your parents at home.
3. Learn to cook ! (SURVIVAL COOKING)
4. Develop your hobby .

SUBJECT: SCIENCE

1. What happens when an inflated air balloon is pricked with a pin? Name the property of the gaseous state exhibited by this observation.
2. To which physical state of matter do the following statements apply?
(i) Incompressible, no fixed shape
(ii) Compressible, no definite volume
3. Name the state of matter in which:
(i) Layers of particles can slip and slide over one another easily.
(ii) Particles just move around randomly because of very weak force of attraction.
4. Why does the temperature of a substance remain constant during its melting point or boiling point?
5. Which of the following diffuses faster?
Water vapour, wax or, ethyl alcohol.?
6. Explain interconversion of three states of matter with the help of flow chart. Name the process of each interconversion.
7. Why do wet clothes dry quickly in the sun than in the shade?.
8. When 50 g of sugar is dissolved in 100 mL of water, there is no increase in volume. What characteristic of matter is illustrated by this observation?
9. **Why is water liquid at room temperature?**
10. Why do we see water droplets on the outer surface of a glass containing ice cold water?
11. Based on which factor a solution is said to be diluted, concentrated or saturated?

12. Identify solute and solvent in 'tincture of iodine'.
13. Smoke and fog both are aerosols. In what way are they different?
14. Identify the dispersed phase and dispersing medium in the following colloids.
 - (a) Fog
 - (b) Cheese
 - (c) Coloured gemstone
15. Classify the following into elements, compounds and mixtures.
 - (i) Pure sand
 - (ii) Air
 - (iii) Ammonia gas
 - (iv) Ice
 - (v) Glass
 - (vi) CaO.
16. A solution of urea in water contains 16 grams of it in 120 grams of solution. Find out the mass percentage of the solution.
17. Calculate the mass of water and glucose required to make 250 g of 40% solution of glucose.
18. (a) Under which category of mixtures will you classify alloys and why?
 (b) A solution is always a liquid. Comment.
 (c) Can a solution be heterogeneous?
19. Is water an element or a compound? Give reason in support of your statement
20. Make a portfolio.

ग्रीष्मकालीन अवकाश गृहकार्य (हिंदी)

- पठन अभ्यास: प्रतिदिन समाचार पत्र का अपनी पसंद का एक पृष्ठ पढ़ें और उसमें आए कठिन शब्दों के अर्थ हिंदी शब्दकोश में से खोजें।
- अभी तक पढ़ाए गए पाठ्यक्रम संबंधित कार्य को पूर्ण कर उसका अभ्यास कीजिए।
- अनुच्छेद लेखन: "मेरा जीवन-लक्ष्य" या "आपदा प्रबंधन" पर अनुच्छेद लिखिए।
- पढ़ना और सार लेखन: क्षितिज पाठ्य-पुस्तक में से एक कहानी पढ़कर उसका सारांश लिखिए।
- पत्र लेखन- ग्रीष्मकालीन अवकाश साथ बिताने के लिए अपने मित्र को निमंत्रण पत्र लिखिए।
- व्याकरण: उपसर्ग और प्रत्यय के 10-10 उदाहरण दीजिए।
- रचनात्मक कार्य- एक विषय पर कविता लिखिए।

संपूर्ण लेखन कार्य ए4 आकार के पृष्ठ पर करें।

Subject : MATHS

13. Represent $\sqrt{5}$ on number line using spiral root method. Write steps of construction & justify your answer
14. Represent $\sqrt{6.5}$ on number line. Write steps of construction & justify your answer
15. Represent $-\frac{13}{5}$ and $\frac{9}{5}$ on number line.
16. Learn and Write algebraic identities
17. Make a list of laws of exponents.
18. Factorise

a) $x^2 - 4x - 21$ b) $x^2 - 19x + 78$ c) $x^2 + 9x + 18$

19. If $x+y=12$ and $xy=6$, find the value of x^2+y^2 .
20. If $a = 2+\sqrt{3}$, then find the value of $a - 1/a$
21. If $a= 5 -2\sqrt{5}$, then find a^2
22. Learn and write formulae for area and perimeter of plane figures(draw figures)
23. Make any project or mathematical toy
24. Make a project on life history and their contribution in maths of any mathematician.

Subject – Sanskrit

- पोर्टफोलिओ बनाए।
- स्व परिचयः लिखतु ।
- मम् भारत विषये लिखतु ।
- अस्मद्, युष्मद् सर्वनाम लिखितु।

Subject- Art and Craft

Make a beautiful pen holder by waste box

Subject- AI(Artificial Intelligence)

Explain the difference between verbal and non-verbal communication. Provide examples of each in your daily life.

LIBRARY

3. **Author Profile:** Research and write about your favorite author—including their background and popular books.
4. **Quote Poster:** Choose a quote from a book and turn it into a decorative poster (digital or handmade).

Subject: SOCIAL SCIENCE

LIST OF PROJECT WORK:

Sr. No.	TITLE OF THE PROJECT	MODE	REFERENCE
1.	<u>IDP: Inter-Disciplinary Project:</u> H4. Forest Society and Colonialism + G5. Natural Vegetation and Wildlife.	Hand Made File	CBSE CURRICULUM (2025-26). Annexure-II
2.	<u>Map Work</u> (Separate Maps for Separate Topics)	Hand Made File	CBSE CURRICULUM (2025-26) List of Map Items.
3.	<u>Disaster Management</u>	Hand Made File	CBSE CURRICULUM (2025-26) Together Towards Safer India-II-CBSE

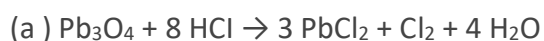
LIST OF ASSIGNMENTS: NOTES

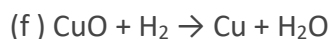
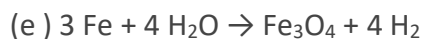
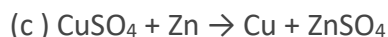
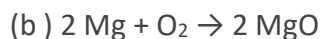
Sr. No.	TITLE OF THE CHAPTER	MODE	TEXTBOOKS & REFERENCES
1.	H1. The French Revolution	Home Work Copy/ Register	History- India and the Contemporary World-I CBSE CURRICULUM (2025-26)
2.	G1. India- Size and Location	Home Work Copy/ Register	Geography- Contemporary India-I CBSE CURRICULUM (2025-26)
3.	E1. The Story of Village Palampur	Home Work Copy/ Register	Economics CBSE CURRICULUM (2025-26)
4.	PS1. What is Democracy? Why Democracy?	Home Work Copy/ Register	Democratic Politics-I CBSE CURRICULUM (2025-26)

CLASS: X D

SUBJECT: SCIENCE

1. Mention the role of acid in the stomach.
2. How are the lungs designed to maximise the area for exchanging gases in humans?
3. Why is the separation of oxygenated and deoxygenated blood in mammals and birds necessary?
4. How are pH maintained in the stomach and the small intestine?.
5. Where does digestion begin?
6. Answer the following:
 - a) Write the mechanism by which fish breathe in water.
 - b) Name the balloon-like structures present in the lungs and mention their function.
 - c) Name the respiratory pigment and write its role in human beings.
7. Name the energy currency in the living organisms and where it is produced.
8. Plants have low energy needs as compared to animals. Explain.
9. Write two different ways in which glucose is oxidised to provide energy in human body. Write the products formed in each case.
10. Explain the functions of:
Blood
Lymph
Lungs
11. What is common in Cuscuta, ticks and leeches?
12. Explain giving any three reasons the significance of transpiration in plants
13. (a) Define excretion.
 - (b) Name the basic filtration unit present in the kidney.
 - (c) Draw excretory system in human beings and label the following organs of excretory system which perform following functions:
 - (i) form urine
 - (ii) is a long tube which collects urine from kidney
 - (iii) store urine until it is passed out.
14. A compound 'A' is used in the manufacture of cement. When dissolved in water, it evolves a large amount of heat and forms compound 'B'.
 - (i) Identify A and B.
 - (ii) Write chemical equation for the reaction of A with water.
 - (iii) List two types of reaction in which this reaction may be classified.
15. Lead nitrate solution is added to a test tube containing potassium iodide solution.
 - (a) Write the name and colour of the compound precipitated.
 - (b) Write the balanced chemical equation for the reaction involved.
 - (c) Name the type of this reaction justifying your answer.
16. What happens when a piece of
 - (a) Zinc metal is added to copper sulphate solution?
 - (b) Aluminium metal is added to dilute hydrochloric acid?
 - (c) Silver metal is added to copper sulphate solution?Also, write the balanced chemical equation if the reaction occurs
17. Identify the oxidising agent (oxidant) in the following reactions





18 Why do we store silver chloride in dark coloured bottles?

19. Practice all the diagrams of digestive system, excretory system, circulatory system, stomata , respiratory system.

20. Make a portfolio on the topic “**Sustainable Management of Natural Resources**”.

Subject: English

READING :

1. Purchase 'LONG WALK TO FREEDOM' by Nelson Mandela .Read and enjoy the book !
2. Read English newspaper/English comic/English stories/ your text book daily.
3. Everyday read one example of Analytical passage, letter to editor, story writing ,diary writing or unseen passage.

WRITING:

1. BOOK REVIEW : Write the book review of LONG WALK TO FREEDOM in your CW copy.

2. BIO-SKETCH : Write the bio-sketch of Nelson Mandela in your CW copy.

Paste the photographs too. **SPEAKING:**

Prepare your words of expression on any 1 poem from the Textbook. **PROJECT:**

Prepare a chart on any 1 chapter/poem/story from your syllabus or any Grammar topic.

SCHOOL MAGAZINE : Be ready with art craft work/ drawings/ articles/ poems/etc. for the school Magazine.(Keep in soft copy)

IMPORTANT :

1. Do regular yoga and exercise.
2. Help your parents at home.
3. Learn to cook ! (SURVIVAL COOKING)
4. Develop your hobby .

SUBJECT-MATHEMATICS

1. Check whether $75/455$ is terminating or non-terminating decimal expansion.

2. 654.737373... is a rational number. [TRUE/FALSE]
3. A polynomial of degree 2 is called Polynomial. (Cubic/ quadratic/ linear)
4. $\sqrt{25}$ is a -----number. (rational/irrational)
5. Find the quadratic polynomial whose sum and products of The zeros are 5 and -6.
6. Find the H.C.F. of 567 and 255 using prime factorization method
7. Find LCM and HCF of 510 and 92 and check whether $\text{LCM} \times \text{HCF} = \text{product of the given numbers}$.
8. Find the zeros of:
 - (i) $6x^2 - 7x - 3$
 - (ii) $4x^2 - 4x + 1$
9. Divide $x^3 - 3x^2 + 5x - 3$ by $x^2 - 2$ and find the quotient and remainder.
10. Prove that $\sqrt{3}$ is an irrational number.
11. Prove that $2 + 5\sqrt{3}$ is an irrational number.
12. Find the zeroes of the following polynomials by factorisation method and verify the relations between the zeroes and the coefficients of the polynomials:
 - i. $4x^2 - 3x - 1$
 - ii. $3x^2 + 4x - 4$
 - iii. $5t^2 + 12t + 7$
13. For each of the following, find a quadratic polynomial whose sum and product respectively of the zeroes are as given. Also find the zeroes of these polynomials by factorisation.
 - (i) $-8/3, 4/3$
 - ii) $21/8, 5/16$
 - iii) $-2\sqrt{3}, -9$
 - iv) $-3/2\sqrt{5}, -1/2$
14. Prepare 10-10 MCQ TYPE QUESTIONS from CHAPTER- 1 and 2. Also write the solution.
15. Make a project on the title " π - WORLD'S MOST MYSTERIOUS NUMBER"

Class 10 Tasks:

1. **Book vs Movie:** Read a book that has been adapted into a movie. Watch the movie and write a comparison (which was better and why?).
2. **Library Survey:** Visit a nearby public or school library (or conduct a virtual tour) and write a short report on its layout, collection, and services.

Subject: Art and craft

Make a creative file /folder

Subject : AI (Artificial intelligence)

1. Write Importance of Self-Management:
- 2 All of us use Smartphone's. When we install a new app, it asks us for several permissions to access our phone's data in different ways. Why do apps collect such data?

ग्रीष्मकालीन अवकाश गृहकार्य (हिंदी)

- पठन अभ्यास: प्रतिदिन समाचार पत्र का अपनी पसंद का एक पृष्ठ पढ़ें और उसमें आए कठिन शब्दों के अर्थ हिंदी शब्दकोश में से खोजें।
- अभी तक पढ़ाए गए पाठ्यक्रम संबंधित कार्य को पूर्ण कर उसका अभ्यास कीजिए।
- अनुच्छेद लेखन: "मेरा जीवन-लक्ष्य" या "मेरा प्रिय नेता" पर अनुच्छेद लिखना।
- पत्र लेखन- ग्रीष्मकालीन अवकाश साथ बिताने के लिए अपने मित्र को निमंत्रण पत्र लिखिए।
- विज्ञापन लेखन- अपनी पसंद के किसी भी (सामाजिक / व्यावसायिक) विषय पर एक सुंदर विज्ञापन (advertisement) बनाइए।
- व्याकरण से संबंधित किसी भी एक विषय पर शिक्षण-अधिगम सामग्री तैयार कीजिए।
- रचनात्मक कार्य- एक विषय पर कविता लिखिए।

संपूर्ण लेखन कार्य ए4 आकार के पृष्ठ पर करें।

Subject – Sanskrit

- * पोर्टफोलियो बनाए ।
- * स्व परिचय: लिखतु ।
- * वैश्विक विषानूज संक्रामक रोगविमर्श उपरि लिखतु ।
- * पत्र तथा संधि: लिखतु ।

LIBRARY

1. **Book vs Movie:** Read a book that has been adapted into a movie. Watch the movie and write a comparison (which was better and why?).

2. **Library Survey:** Visit a nearby public or school library (or conduct a virtual tour)

and write a short report on its layout, collection, and services.

SUBJECT: SOCIAL SCIENCE

LIST OF PROJECT WORK:

Sr. No.	TITLE OF THE PROJECT	MODE	REFERENCE
1.	<u>IDP: Inter-Disciplinary Project:</u> H3. The Making of a Global World + G7. Lifelines of National Economy + E4. Globalisation and the Indian Economy.	Hand Made File	CBSE CURRICULUM (2025-26). Annexure-III B
2.	<u>Any one Project:</u> a. Consumer Awareness OR b. Social Issues OR c. Sustainable Development	Hand Made File	CBSE CURRICULUM (2025-26) Annexure- III A
3.	<u>Map Work</u> (Separate Maps for Separate Topics)	Hand Made File	CBSE CURRICULUM (2025-26) List of Map Items.

LIST OF ASSIGNMENTS: NOTES

Sr. No.	TITLE OF THE CHAPTER	MODE	TEXTBOOKS & REFERENCES
1.	H1. The Rise of Nationalism in Europe	Home Work Copy/ Register OR Separate copy for Notes	History- India and the Contemporary World-II CBSE CURRICULUM (2025-26)
2.	G1. Resources	Home Work Copy/ Register OR Separate copy for Notes	Geography- Contemporary India-II CBSE CURRICULUM (2025-26)
3.	E1. Development	Home Work Copy/ Register OR Separate copy for Notes	Economics CBSE CURRICULUM (2025-26)
4.	PS1. Power Sharing	Home Work Copy/ Register OR Separate copy for Notes	Democratic Politics-II CBSE CURRICULUM (2025-26)

HAVE HAPPY AND SAFE HOLIDAYS !

