



PM SHRI KENDRIYA VIDYALAYA KIMIN

SUMMER VACATION, HOMEWORK 2026-27

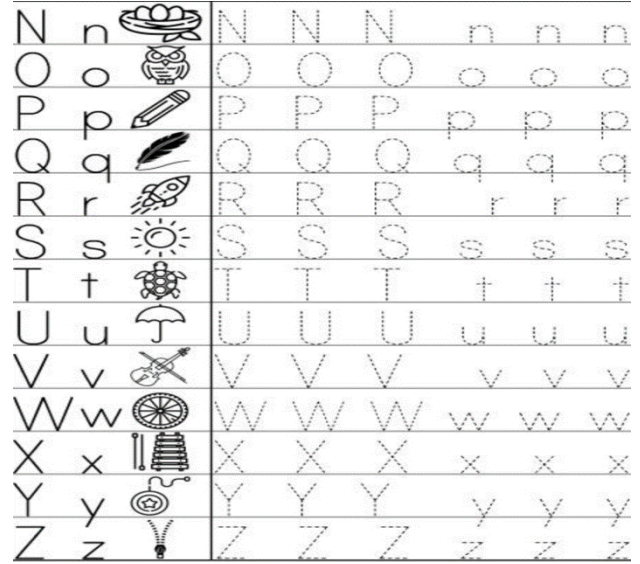
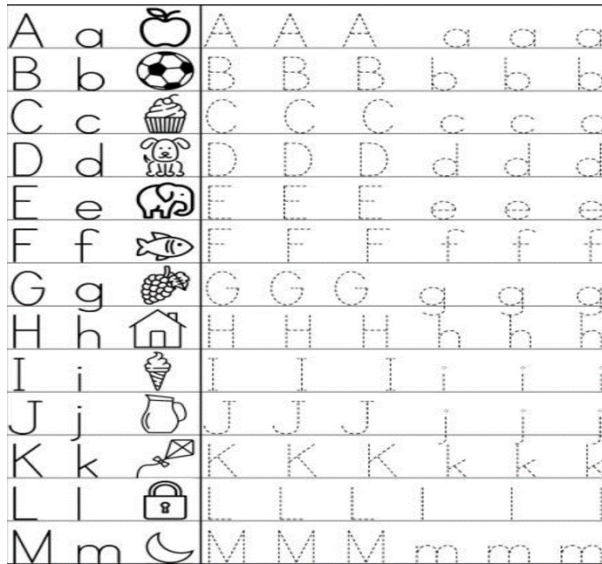
(FROM 08.05.2026 TO 16.06.2026)



Class Balvatika-III

ENGLISH

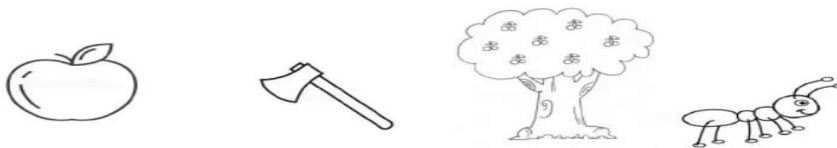
Q1: Trace the following alphabets.



Q2: Trace the following cursive letters.



Q3: Colour the picture whose name begins with a "A" sound:



Q4: Colour the picture whose name begins with a "B" sound:



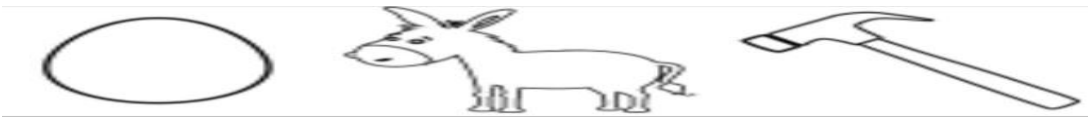
Q5: Colour the picture whose name begins with a “C” sound:



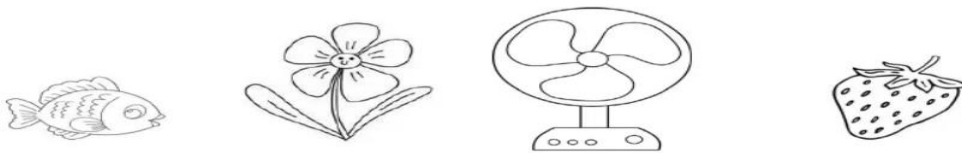
Q6: Colour the picture whose name begins with a “D” sound:



Q7: Colour the picture whose name begins with a “E” sound:



Q8: Colour the picture whose name begins with a “F” sound:



Q9: Colour the picture whose name begins with a “G” sound:



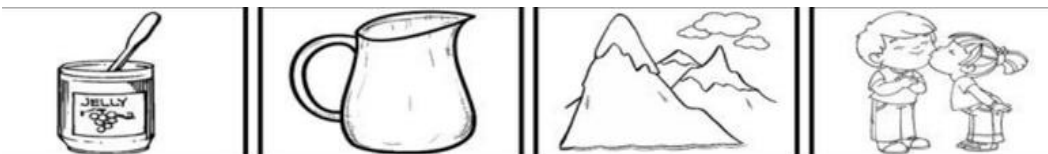
Q10 Colour the picture whose name begins with a “H” sound:

:



Q11 Colour the picture whose name begins with a “I” sound:

:



Q12 Colour the picture whose name begins with a “k” sound:

:



Q13 Colour the picture whose name

:



Q14 Colour the picture whose name begins with a “L” sound:

:



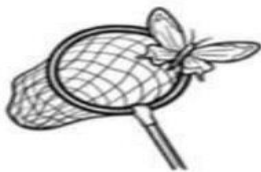
Q15 Colour the picture whose name begins with a “M” sound:

:



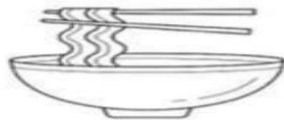
Q16 Colour the picture whose name begins with a “N” sound:

:



Q17 Colour the picture whose name begins with a “O” sound:

:



Q18 Colour the picture whose name begins with a

:



Q19 Colour the picture whose name begins with a “Q” sound:

:



Q20 Colour the picture whose name begins with a
:



Q21 Colour the picture whose name begins with a “S” sound:
:



Q22 Colour the picture whose name begins with a “T” sound:
:



Q23 Colour the picture whose name begins with a “U” sound:
:



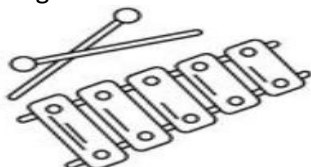
Q24 Colour the picture whose name begins with a “V” sound:
:



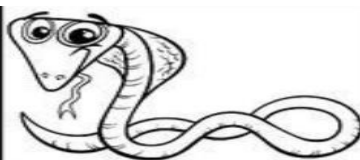
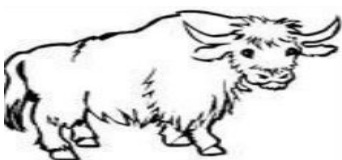
Q25 Colour the picture whose name begins with a “W” sound:
:



Q26 Colour the picture whose name begins with a “X” sound:
:



Q27 Colour the picture whose name begins with a “Y” sound:
:



Q28 Colour the picture whose name begins with a "Z" sound:

:



HINDI

Q1:

नीचे दिए गए स्वरों का लिखकर अभ्यास कीजिए ।

Read and write sounds of varnamala (Hindi Alphabets) .

अ	.....	आ	.....	इ	.....
ई	.....	उ	.....	ऊ	.....
ऋ	.....	ए	.....	ऐ	.....
ओ	.....	औ	.....	अं	.....
अः	.....				

Q2:

खाली जगह भरो

क		ग	घ	ङ
च	छ		झ	ञ
	ठ			ण
त		द		न
	फ		भ	
य	र	ल		
श	ष		ह	
क्ष			श्र	

Q3:

मिलान करो और चित्र में रंग भरो



Q4: यहाँ विद्यार्थी अक्षर और चित्र की जोड़ियाँ मिलाएँ।

ओ .



न .



त्र .



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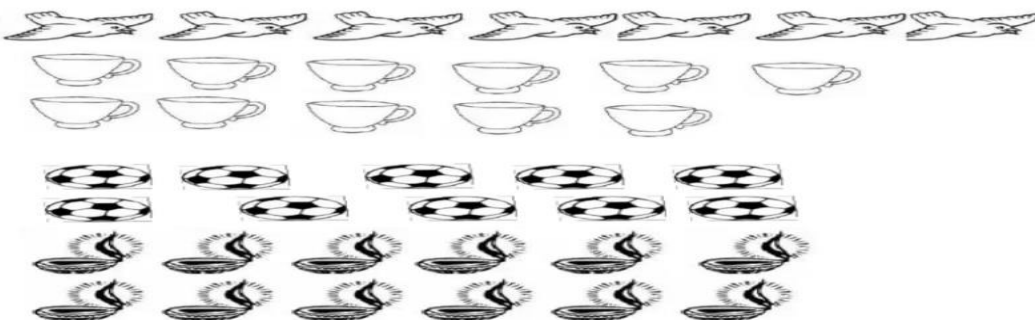


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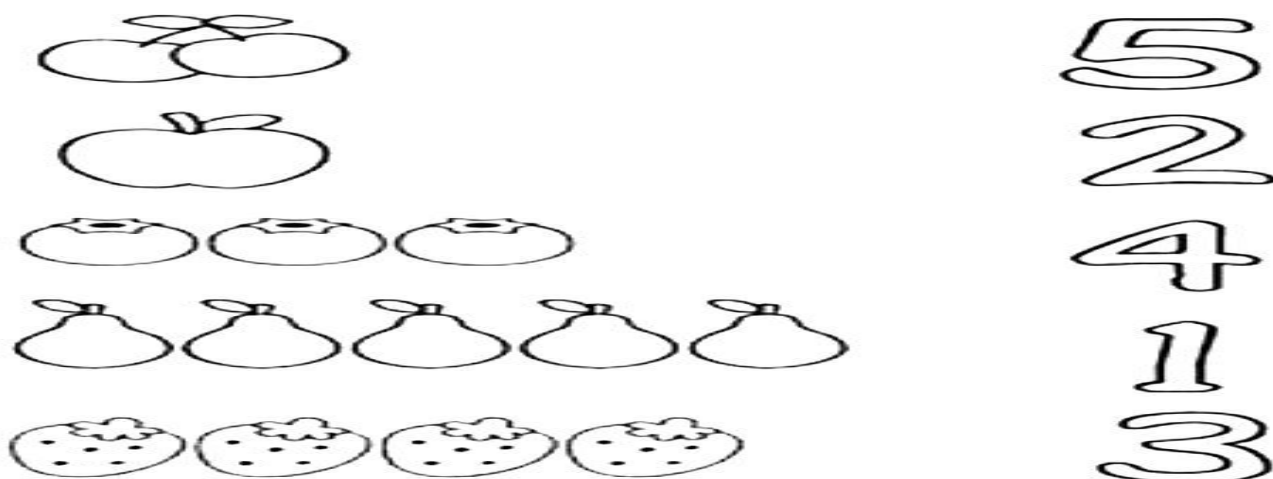


MATHEMATICS

Q1: Count and write the numbers:



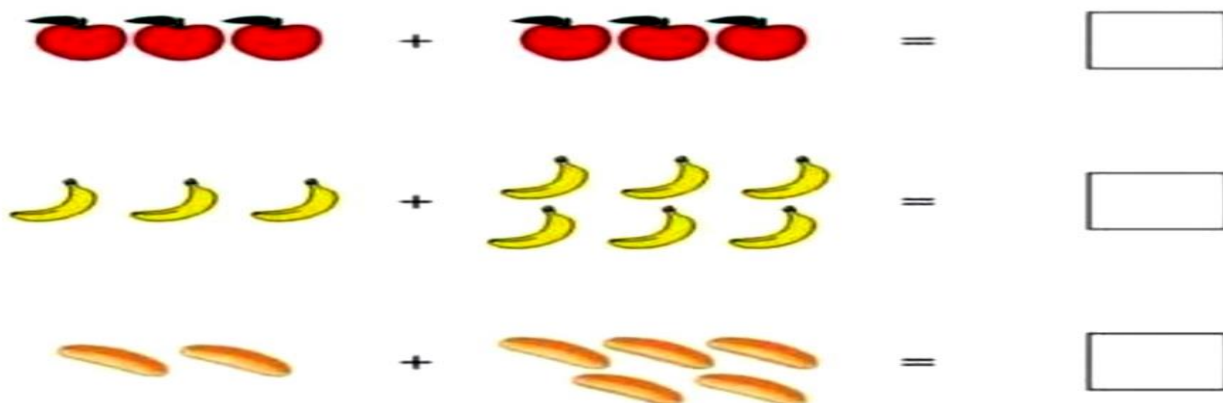
Q2: Match the picture with number.



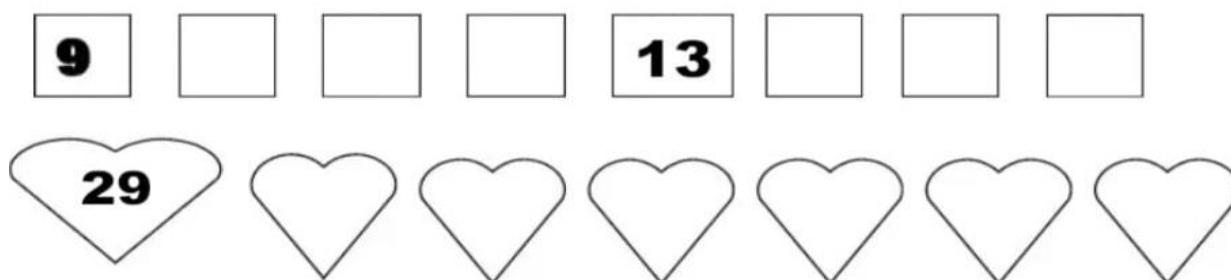
Q3: Circle the smallest number

2	4	5	3	1
3	6	4	2	5
4	6	5	9	8
7	5	8	6	4
9	7	6	5	8

Q4: Add the following picture and write the number in the box



Q5: Write down the forward counting in the boxes given below:





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SUMMER VACATION, 2026-27

HOLIDAY HOMEWORK



Class I

ENGLISH

- Q1:** Write A–Z (capital letters)
- Q2:** Write a–z (small letters)
- Q3:** Match letters with pictures (A–Apple, B–Ball)
- Q4:** Write 5 words each from letters A–E
- Q5:** Practice vowels (a, e, i, o, u)
- Q6:** Draw a picture and write 2 lines about it
- Q7:** Speak 3–4 lines in English (Self-introduction)

HINDI

- Q1:** प्रतिदिन एक पेज हिंदी की किताब पढ़ना है।
- Q2:** स्वास्थ्य के लिए दस अच्छे भोजन का नाम लिखकर उनका चित्र बनाइए।
- Q3:** हिंदी की किताब से पाठ 1, 2 को पढ़ना है।
- Q4:** बारहखड़ी का लिखकर अभ्यास करें।
- Q5:** आँख, नाक, कान, मुँह और हाथ का छोटा सा चित्र बनाकर उनके काम लिखें।

MATHEMATICS

- Q1:** Learn number names One -Hundred
- Q2:** Write and learn the table from 1 to 10.
- Q3:** Practice the addition and subtraction.
- Q4:** Draw a fruit basket having 3 apples and 4 bananas. Colour the basket and fruits. write how many total fruits in it?
- Q5:** Practice the concept of Before, between and after.

GARDENING

- Q1:** Make a pot using plastic bottle /tin/cup and grow a plant.



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HOLIDAY HOMEWORK



Class II

ENGLISH

- Q1: Write A–Z (capital & small letters)
- Q2: Practice 2–3 letter words
- Q3: Write 10 naming words (nouns)
- Q4: Write 10 action words (verbs)
- Q5: Write 10 describing words
- Q6: Make 10 simple sentences
- Q7: Write 5 sentences about yourself
- Q8: Write 5 sentences about your family
- Q9: Learn and write days of the week & months
- Q10: Practice opposites and rhyming words
- Q11: Do 2–3 dictations (words & sentences)
- Q12: Write one short paragraph (5–6 lines)
- Q13: Write one short story
- Q14: Read a storybook daily (10 minutes)

HINDI

- Q1: अपनी पाठ्य पुस्तक सारंगी से रोज एक पेज पढ़ना है।
- Q2: कविता घर, मां और चींटा याद करें।
- Q3: बारहखड़ी, स्वर एवं व्यंजन याद करें।
- Q4: अपनी मां के ऊपर कोई पाँच पंक्ति लिखिए।

MATHEMATICS

- Q1: Write numbers 1–100
- Q2: Practice missing numbers, before/after
- Q3: Ascending & descending order
- Q4: Skip counting (2s, 5s, 10s)
- Q5: Number names (1–50)
- Q6: Practice addition & subtraction (1–2 digit)
- Q7: Solve word problems
- Q8: Learn tables (2, 3, 4)
- Q9: Identify and draw basic shapes
- Q10: Practice measurement (long/short, heavy/light)
- Q11: Learn time (clock reading)
- Q12: Practice money (coins & notes)
- Q13: Do mental maths daily
- Q14: Solve mixed sums

GARDENING

- Q1: Make a pot using plastic bottle /tin/cup and grow a plant.



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HOLIDAY HOMEWORK



Class III

ENGLISH

- Q1:** Handwriting
Write 30 pages of handwriting.
- Q2:** Picture Composition
Draw or paste a picture (park/beach/picnic) and write 5–6 sentences.
- Q3:** Reading Time
Read a short story and write:
- Story name
- Characters
- Moral (3 lines)
- Q4:** Creative Writing
Write 6–8 lines on:
- My Favourite Summer Fruit
- How I Spent My Holidays
- My Best Friend
- Q5:** Word Bank Activity
Write 15 new words, meanings, and use 5 in sentences.
- Q6:** Speaking Activity
Learn and recite a short poem and chapters: colours and Badal and moti
- Q7:** Fun with English
Make a chart of opposite words (10 pairs) OR action words.

HINDI

- Q1:** प्रतिदिन 10 वाक्य हिंदी में लिखें ।
- Q2:** "मेरा तपत्रय तमत्र" पर 10 वाक्य लिखें ।
- Q3:** व्याकरण अभ्यास:
• 10 संज्ञा शब्द,
• 10 सर्वनाम शब्द,
• 10 विशेषण शब्द लिखें ।
- Q4:** प्रतिदिन देखें और लिखें
(i) आज का मौसम
(ii) आज क्या सीखा ?
- Q5:** प्रतिदिन एक पेज तकिाब पढ़ें और अपने घर पर सुनाइए ।
- Q6:** पोस्टर बनाओ- स्वच्छता / पर्यावरण बचाओ

MATHEMATICS

- Q1:** Write:
a. Number names from 101 to 150
b. • Numerals from Two hundred one to Two hundred fifty
- Q2:** Draw a place value table and write the place values of:
a. 345
b. 672
c. 908
d. 521

e. 786

Q3: Arrange these numbers:

- a. 456, 321, 678, 234, 890
- b. 765, 432, 987, 123, 654

Q4: Solve the Following

Addition:

- a. $345 + 234$
- b. $567 + 122$
- c. $456 + 321$

Subtraction:

- a. $765 - 234$
- b. $908 - 456$
- c. $700 - 289$

Q5: Riya has 245 chocolates. Her friend gave her 120 more. How many chocolates does she have now?2.
A shopkeeper had 560 balloons. He sold 245 balloons. How many balloons are left?

Q6: Learn and Write Tables

Write tables from 2 to 15 two times each.

Q7: Solve

- a. 24×3
- b. 15×5
- c. $48 \div 6$
- d. $36 \div 4$

Q8: Find and paste/draw:

- a. 3 objects of circle shape
- b. 3 objects of square shape
- c. • 3 objects of rectangle shape

Q9: Measure the following using a ruler and write their lengths:

- a. Your pencil
- b. Your notebook
- c. Your eraser
- d. Section E: Fun Activities

Q10: Calendar Activity

- a. Write the names of all months.
- b. Circle your birthday month.
- c. • Count how many Sundays are there in the current month.

Q11: Draw Indian currency notes and coins you have seen.

Q12: Ask your parents:

- a. How many spoons make one cup?
- b. Count the number of plates, bowls, and glasses in your kitchen.

Q13: Make a colourful "Maths Around Us" chart using pictures of numbers, shapes, clocks, money, and measurements seen in daily life.

Instructions for Students

- Complete the work neatly.
- Use pencils and colours wherever needed.
- Revise tables daily.
- Practice mental maths for 10 minutes every day.

EVS

Q1: My Surroundings Observation:

- List 5 things seen at home and 5 things outside.
- Cleanliness: List "Clean" vs "Dirty" places in your area and 3 ways to keep areas tidy.

Q2: Plants & Animals :

- Growth Log: Observe a plant for 3–5 days; note changes and watering.
- Animal Facts: List 5 domestic and 5 wild animals with a short sentence for each.

Q3: Water & Food :

- Conservation :Write 5 ways to save water and draw a picture.

- Nutrition: Create a "Healthy Food Chart" for breakfast, lunch, and dinner.

Q4: Transport & Community:

- Travel: Draw and name examples of Land, Water, and Air transport.
- Local Area: List nearby places (like hospitals or parks) and what they are used for.



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HOLIDAY HOMEWORK



Class IV

ENGLISH

- Q1:** My Holiday Diary (7 Days) Write 5–6 lines daily about your activities. Use proper sentences and new words.
- Q2:** Story Reading & Review Read a story and write:
- Title
 - Characters
 - Summary (5–6 lines)
 - Moral
- Q3:** Creative Writing on any one paragraph Write 8–10 lines on:
- My Dream Vacation
 - A Visit to a Hill Station
 - If I Had Superpowers
- Q4:** Vocabulary Builder Write 20 new words with meanings
- Q5:** Speaking Activity Learn and recite the poem: Together we can
- Q6:** Grammar Practice
Write:
- 5 sentences in Present Tense
 - 5 sentences in Past Tense
 - 5 sentences in Future Tense
- Q7:** Write 20 pages of Handwriting

HINDI

- Q1:** प्रतिदिन 10 वाक्य हिंदी में लिखें।
- Q2:** "मेरा प्रिय मित्र" पर 10 वाक्य लिखें।
- Q3:** व्याकरण अभ्यास – 10 संज्ञा शब्द, 10 सर्वनाम शब्द तथा 10 विशेषण शब्द लिखें।
- Q4:** प्रतिदिन देखें और लिखें:
- (i) आज का मौसम
- (ii) आज क्या सीखा?
- Q5:** प्रतिदिन एक पेज किताब पढ़ें और अपने घर पर सुनाइए।
- Q6:** पोस्टर बनाओ – स्वच्छता / पर्यावरण बचाओ।

MATHEMATICS

- Q1:** Write two differences between 2D and 3D shapes.
- Q2:** Give two examples of circular objects around you.
- Q3:** Name any three 3D shapes.
- Q4:** Draw and label a square and a rectangle.
- Q5:** Draw and color the following shapes:
Circle
Triangle
Square
Rectangle
- Q6:** Write the number of sides and corners for:
Triangle
Square
Rectangle
- Q7:** Explain with examples where you see shapes in daily life.

Q8: Draw any two 3D shapes and name them.

Q9: "Find Shapes Around You" Activity

Q10: Look around your home
List 5 objects and their shapes
Example:

Plate – Circle

Box – Cuboid

Q11: Project Work

"My Shape Book"

Draw or paste pictures of different shapes
Label them (2D and 3D)

Q12: Write 4–5 lines about shapes in daily life

TWAO

Q1: Part 1: The Planting Mission

Your mission is to grow a plant from the seed provided to you by the teacher.

You can use a pot, an old plastic bucket (with holes at the bottom).

Part 2: The Green Diary (Observation Log)

Create a "Plant Diary" in your homework notebook. Fill in the following table every Sunday:

Date	Week	Height in cm	Number of leaves	What I did today (Watering/Weeding)

Part 3. Leaf Art:

Find three different types of leaves from your garden or neighborhood. Place them under a page in your notebook and rub a crayon over the paper to create a "Leaf Print." Label the parts of the leaf.

Part 4: Submission Guidelines

When school reopens, please bring:

- Your Green Diary [holiday home work copy] with all observations.
- The Leaf Art page.
- A Photograph of your plant at the end of the holidays



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HOLIDAY HOMEWORK



Class V

ENGLISH

- Q1:** Holiday Journal (7–10 Days)
Write 6–8 lines daily about your activities. Focus on grammar and vocabulary.
- Q2:** Picture Composition
Draw or paste a picture (fair/railway station/market/park) and write 10–12 sentences.
- Q3:** Story Reading & Review
Read a story and write:
 - Title and Author
 - Characters
 - Summary (8–10 lines)
 - Moral
 - Your opinion
- Q4:** Creative Writing
Write 10–12 lines on:
 - My Dream City
 - A Memorable Journey
 - If I Were the Prime Minister
 - The Day I Will Never Forget
- Q5:** Vocabulary Enrichment
Write 25 new words with meanings and use 10 in sentences.
- Q6:** Letter Writing
Write a letter to your friend about your summer vacation.
- Q7:** Newspaper Activity
Paste one news article and write its summary in 5–6 lines.
- Q8:** Learning and speaking
Learn and recite the poem: Papa's spectacles and The rainbow
- Q9:** Grammar Practice, Write:
 - 5 sentences in Present Tense
 - 5 sentences in Past Tense
 - 5 sentences in Future Tense
 - 5 sentences using adjectives and adverbs
- Q10:** Fun Activity:
Make a chart on Parts of Speech or Types of Sentences.

HINDI

- Q1:** प्रतिदिन 10 वाक्य हिंदी में लिखें |
- Q2:** "मेरा विद्यालय" पर 10 वाक्य लिखें |
- Q3:** व्याकरण अभ्यास – 10 संज्ञा शब्द , 10 सर्वनाम शब्द , 10 विशेषण तथा 10 क्रिया शब्द लिखें |
- Q4:** आज आपने क्या एक अच्छा काम किया ? प्रतिदिन लिखिए |
- Q5:** प्रतिदिन एक पेज किताब पढ़ें और अपने घर पर सुनाइए |
- Q6:** पोस्टर बनाओ- जल बचाओ / पर्यावरण बचाओ |
- Q7:** सुनीता विलियम्स के बारे में जानकारी लीजिये तथा उनके बारे में 10 वाक्य लिखिए |
- Q8:** पत्र लिखिए – अपने मित्र को छुट्टियों के अनुभव के बारे में

MATHEMATICS

- Q1:** Fill in the blanks
 1000 g = _____ kg
 1 kg = _____ grams
 $\frac{1}{2}$ kg = _____ grams
 2 kg 500 g = _____ grams
 750 g = _____ kg
- Q2:** Convert the following
 3 kg = _____ g
 4500 g = _____ kg
 5 kg 250 g = _____ g
 8000 g = _____ kg
 1 kg 750 g = _____ g
- Q3:** Activity Work
 Activity 1: "Weight Measurement"
 Take 3 items from your kitchen (rice, sugar, vegetables)
 Write their weight (in grams or kg)
 Compare: Which is heavier? Which is lighter?
 Draw a table like this:

Item	Weight	Heavier/Lighter
- Q4:** Project Work
 Project: "Fish Market Survey"
 Visit or imagine a fish/vegetable market and answer:
 Name 3 items sold there
 Write their price per kg
 Calculate cost for:
 2 kg
 500 g
 Draw or paste pictures

TWAU

- Q1:** My Surroundings Study
 Observe and write:
 5 natural things (trees, river, animals, etc.)
 5 man-made things (roads, buildings, vehicles, etc.)
- Q2:** Plant Observation
 Observe a plant for 5–7 days and record:
 Growth changes
 Watering details
 Sunlight exposure
- Q3:** Animal Classification
 List:
 5 herbivores
 5 carnivores
 5 omnivores
 Write 1–2 lines about each.
- Q4:** Water Conservation
 Write 6–8 ways to save water.
- Q5:** Resources Around Us
 List resources used daily: [Water, Electricity, Fuel]
 Write their importance.
- Q6:** Transport Study
 Draw and classify:
- Land transport
 - Water transport

- Air transport

Q7: My Neighbourhood Map

Draw a simple map of your area including: School Park, Shops



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HOLIDAY HOMEWORK



Class VI

ENGLISH

- Q1:** Write the opposite word of the following words:
a. Winner b. Brave c. Summer d. Hot e. Girl
- Q2:** Fill in the blanks with suitable articles (a, an , the)
a. I saw ____ elephant in the zoo.
b. ____ sun rises in the east.
c. She is ____ honest girl.
d. Rahul brought ____ umbrella.
e. We visited ____ museum yesterday.
- Q3:** Choose the correct verb.
a. The boys ____ football every evening (play/ plays)
b. My mother ____ delicious food. (cooks/cook)
c. Rina and Tina ____ best friends (is/are)
d. The dog ____ loudly at night. (barks/ bark)
e. We ____ to school by bus (goes/ go).
- Q4:** Write a notice about a fancy-dress competition to held at your school, addressing as the head girl/ head boy of your class.
- Q5:** Write a short essay on how you spent your summer vacation. 100-150 words.

HINDI

- Q1:** मेरा विद्यालय विषय पर 100 से 150 शब्दों की बीच अनुच्छेद लिखिए।
- Q2:** अपने किसी प्रिय पक्षी के विषय में चित्रात्मक जानकारी एकत्र करके लिखो
(पक्षी का नाम, प्रजाति, खान-पान, रहने का तरीका, आदि)
- Q3:** पाँच दिन के अवकाश के लिए प्राचार्य को पत्र लिखिए।
- Q4:** प्रतिदिन किन्हीं 10 शब्दों का श्रुतलेख मल्हार पाठ्यपुस्तक में से करें। [पतली कॉपी में]
- Q5:** किन्हीं 10 शब्दों का लिंग बदलकर लिखो।
- Q6:** वचन बदलो (कोई 10 शब्द)
- Q7:** पूर्वोत्तर राज्य मणिपुर के परिधान व आहार पर जानकारी एकत्र करके लिखिए।
(परियोजना कार्य)
- Q8:** 01 से 100 तक हिंदी में गिनती लिखे व याद करें।

MATHEMATICS

- Q1:** Write the next three numbers
a. 2,4,6,8, -----
b. 5,10,15,20,-----
- Q2:** Fill in the blanks
a. 7, 14 , 21, ----- , 35
b. 100, 90,80, -----,60
c. identify the pattern
d. 1,4,9,16 -----
e. 3,6,12,24-----
- Q3:** Observe the pattern
a. $1 \times 1 = 1$
b. $11 \times 11 = 121$
c. $111 \times 111 = 12321$
d. Find $1111 \times 1111 =$

Q4: Define with example

- a. Ray
- b. Line
- c. Line segment
- d. Angle

SCIENCE

Q1: Healthy food vs junk food

Q2: Nutrients present in different foods

Q3: Balanced diet chart for school students

Q4: Food habits of children in the locality

SOCIAL SCIENCE

Q1: What is a globe? Why is it useful?

Q2: Define Latitude and Longitude.

Q3: What is a map? Name its types.

Q4: Make a timeline chart showing important events in your l

ARTIFICIAL INTELLIGENCE

Q1: List any three mobile apps that use Artificial Intelligence.

Q2: How does YouTube suggest videos according to your interest?

Q3: Write how Google Maps helps people using AI.

Q4: Observe your home and write any two devices that work smartly with AI features.

KHEL YATRA

Q1: Write down the Meaning and Definition of Yoga

Q2: Write down the Importance of Yoga

Q3: Write down the importance of Games and Sports.

WORK EXPERIENCE

Q1 Complete project no 1 as per instructions given.

LIBRARY

Q1: Book Review on "Any of your Favourite Book."

Q2: Book Mark Design on theme Book are Best Friend.



PM SHRI KENDRIYA VIDYALAYA KIMIN

SUMMER VACATION, 2026-27

HOLIDAY HOMEWORK



Class VII

ENGLISH

- Q1:** Q.1 Write the antonym of the following words:
- Victory
 - Ancient
 - Polite
 - Difficult
 - Bright
- Q2:** Use the following idioms in sentences:
- A piece of cake
 - Once in a blue moon
 - Spill the beans.
 - Hit the books
 - Under the weather
- Q3:** Write a notice about a health and hygiene awareness camp to be held in the school campus.
- Q4:** Draw a sketch of the chapter "The day the river spoke" in a chart with your own understanding and imagination and write the summary of the lesson.

HINDI

- Q1:** अनुच्छेद लिखिए – 1 मेरा देश महान 2 विज्ञान वरदान या अभिशान।
- Q2:** पत्र लेखन – जन्मदिन के उपहार के लिए धन्यवाद देते हुए चाचाजी को पत्र।
- Q3:** विलोम शब्द (कोई २०), पर्यायवाची (20), श्रुतिसमभिन्नार्थक (20), अनेक शब्दों के लिए एक शब्द (10) लिखिए।
- Q4:** मां कह एक कहानी कविता को चित्रकथा (कामिक्स) बनाकर लिखे ।
- Q5:** पंचतंत्र की कहानियां पढ़े व किसी एक कहानी का सार लिखे
- Q6:** 1 से 100 तक हिंदी में गिनती लिखे व याद करें।

MATHEMATICS

- Q1:** Solve the following using BODMAS rule
- Evaluate: $(25 + 15 \times 3)$.
 - Calculate: $(100 - (7 \times 9) + 13)$
 - Simplify: $(225 (15 \div 3) + 92)$.
 - Find the value of $(9 - 4) + 3 (8 - 5)$
- Q2:** A school orders 120 chairs at ₹150, 6 speakers at ₹2500, and 15 lights at ₹320. Form an expression for the total cost and calculate it.
- Q3:** Identify the terms in the expression: $17 - 13 \times 3 - 20$
3 more than the double of the difference of 11 and 4 - Write the expression
- Q4:** Fill in the Blanks/Equalizing:
- $19 + 7 = _ + 9$
 - $35 + _ = 8 \times 5$

SCIENCE

- Q1:** Q1. Case Study Based Questions
- Riya connected a bulb, battery and switch using wires. The bulb did not glow. After checking, she found one wire was loose.
- Answer the following:
- Why did the bulb not glow?
 - What type of circuit was formed?

- c. What should Riya do to make the bulb glow?
- d. Name two devices that work using electric current.

Q2: Draw and label:

Simple electric circuit

Symbol of:

- Electric cell
- Bulb
- Switch
- Battery

Q3: Make a model of electric circuit with the help of electric wires, electric bulb, battery and electric switch or safety pins.

SOCIAL SCIENCE

Q1: Make a poster on water conservation.

Q2: Mark all states and capitals on India's political map.

Q3: Write the names of ranges of Himalayan ranges and explain them

LIBRARY

Q1: Book Review on "Any of your Favourite Book."

Q2: Book Mark Design on theme Book are Best Friend.

संस्कृत

Q1: संस्कृत में छात्र-प्रतिज्ञा लिखें व याद करें। (यह आपसे सुनी जायेगी)

Q2: दीपकम पाठ्य पुस्तक के पीछे दिए गए पेज संख्या 156 पर धातु रूप को अपनी नोट बुक पर लिख कर याद करें

ARTIFICIAL INTELLIGENCE

Q1: Explain how voice assistants like Google Assistant or Siri help us in daily life.

Q2: Write three examples of AI used in schools or classrooms.

Q3: How do online shopping apps recommend products to users?

Q4: Interview one family member and ask where they use AI in daily life. Write their answer in 5 lines.

VOCATIONAL EDUCATION

Q1: Project Work /परियोजना कार्य

Project Title / परियोजना शीर्षक

"Developing a Mini Plant Nursery at Home or School" "घर या विद्यालय में छोटी पौधशाला विकसित करना"

Suggested Presentation / प्रस्तुतीकरण सुझाव

Use A4 sheets or a portfolio file / A4 शीट या पोर्टफोलियो फाइल का उपयोग करें।

Portfolio should be handwritten / पोर्टफोलियो हस्तलिखित होना चाहिए।

Write neatly with headings and subheadings / साफ-सुथरे तरीके से शीर्षक एवं उपशीर्षक लिखें।

Use coloured pens for titles only / केवल शीर्षकों के लिए रंगीन पेन का उपयोग करें।

Add labelled drawings or pasted pictures / नाम सहित चित्र या फोटो लगाएँ।

Minimum 5 pages / कम से कम 5 पृष्ठ तैयार करें।

Task / कार्य:

Visit a nearby plant nursery, garden, farm, or observe plants at home/school. Collect information about different plants and methods used to grow them. Prepare a small plant nursery using seeds or stem cuttings.

अपने आसपास की पौधशाला, बगीचे, खेत या घर/विद्यालय के पौधों का अवलोकन करें। विभिन्न पौधों तथा उन्हें उगाने की विधियों की जानकारी एकत्र करें। बीज या तने की कटिंग द्वारा एक छोटी पौधशाला तैयार करें।

Include the following / निम्नलिखित बिंदु शामिल करें:

Name of plants selected / चुने गए पौधों के नाम

Method of plant propagation (seed/stem cutting) पौध उगाने की विधि (बीज/तना कटिंग)

Materials used in nursery preparation / पौधशाला तैयार करने में प्रयुक्त सामग्री

Conditions required for plant growth (sunlight, water, soil, etc.) / पौधों की वृद्धि के लिए आवश्यक परिस्थितियाँ (धूप, पानी, मिट्टी आदि)

Steps followed while preparing the nursery / पौधशाला तैयार करने की प्रक्रिया

Photographs or drawings of plants/nursery / पौधों या पौधशाला के चित्र/फोटो

What you learned from the activity / इस गतिविधि से आपने क्या सीखा

Q2: Portfolio Task / पोर्टफोलियो कार्य

“Observation Record of a Growing Plant”

“बढ़ते हुए पौधे का अवलोकन रिकॉर्ड”

Planted or Choose one plant growing at home, school, or garden and observe it for one week.

Record the changes daily.

घर, विद्यालय या बगीचे में लगाया गया या उग रहे किसी एक पौधे का चयन करें और एक सप्ताह तक उसका अवलोकन करें। प्रतिदिन होने वाले परिवर्तन लिखें।

Include / निम्नलिखित शामिल करें:

Name of the plant / पौधे का नाम

Date-wise observations / तिथि अनुसार

अवलोकन

Watering schedule / पानी देने का समय

Height or growth changes / ऊँचाई या वृद्धि में परिवर्तन

Drawing/photo of the plant / पौधे का चित्र/फोटो

Importance of plants / पौधों का महत्व

Writing Format for Portfolio / पोर्टफोलियो लेखन प्रारूप

Page Layout / पृष्ठ प्रारूप

Title of Activity / गतिविधि का शीर्षक

Aim/Objective / उद्देश्य

Observation Table / अवलोकन तालिका

Conclusion / निष्कर्ष

Self-Reflection (2–3 lines) / आत्मचिंतन (2–3 पंक्तियाँ)

Suggested Table Format / तालिका प्रारूप

Date / तिथि	Observation / अवलोकन	Water Given / पानी	Growth Changes / वृद्धि
Day 1	Seed planted / बीज बोया	Yes / हाँ	Small seed / छोटा बीज
Day 3	Sprout appeared / अंकुर निकला	Yes / हाँ	Tiny leaves / छोटी पत्तियाँ
Day 7	Plant grew taller / पौधा बड़ा हुआ	Yes / हाँ	More leaves / अधिक पत्तियाँ

Q3: Answer the Following Questions (Work in the Vocational Education notebook)

निम्नलिखित प्रश्नों के उत्तर दीजिए (वोकेशनल एजुकेशन नोटबुक में कार्य करें)

What is a plant nursery? / पौधशाला क्या है?

Name any two things needed for plant growth. / पौधों की वृद्धि के लिए आवश्यक किसी दो चीजों के नाम लिखिए।

What is seed germination? / बीज अंकुरण क्या है?

Why is watering important for plants?/ पौधों के लिए पानी देना क्यों आवश्यक है?

Name any two tools used in gardening. / बागवानी में उपयोग होने वाले किसी दो औजारों के नाम लिखिए।



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HOLIDAY HOMEWORK



Class VIII

ENGLISH

- Q1:** Write a notice about a debate competition to be held in your school.
- Q2:** Give five examples for the given types of Compound words:
- Closed Compound Words
 - Hyphenated Compound Words
 - Open Compound Words
- Q3:** Curate a poem on your favorite season and visualize and display it in a chart, with beautiful creative writing and drawing.

HINDI

- Q1:** मल्हार पाठ्यपुस्तक से स्वदेश कविता को याद करें और नोट बुक में लिखें
- Q2:** अपनी पाठ्यपुस्तक से पेज नंबर 8 पर समानार्थी शब्द की तालिका बना कर शब्द तालिका को पूरा करें

SCIENCE

- Q1:** India has a long history of biogas production. One of our oldest biogas plants was set up in late 1850s. Find out and write about the Biogas Program initiated by the Ministry of New and Renewable Energy, Government of India.
- Q2:** Maintain a health diary for at least a month to track food, hygiene, exercise, sleep, screen time, and emotional state.
- Q3:** Read about Indian scientists like Suniti Solomon, Asima Chatterjee, Dr. Yellapragada Subbarao, Dr. Mary Poonen. Write their contributions in the field of health and diseases.
- Q4:** Make a chart showing labelled diagrams of Bacteria, Fungi, Protozoa, Algae, Viruses
Include: One example of each Where they are found
- Q5:** Imagine life without microbes. Write 8–10 lines explaining, What would change? Why microorganisms are important?

SANSKRIT

- Q1:** अपनी पाठ्यपुस्तक दीपकम से पेज संख्या 173 से भू धातु का रूप पांच लाकर में लिखे और याद भी करें
- Q2:** 1 से 100 तक संख्या लिखे और याद करें
- Q3:** पाठ्यक्रम जितना पढ़ा लिया गया है उसको पूरा करें

SOCIAL SCIENCE

- Q1:** Who was Alauddin Khilji and what were his contributions?
- Q2:** Explain the administrative system of the Delhi Sultanate.
- Q3:** Differentiate between natural and human-made environment.
- Q4:** Collect pictures of natural resources and paste them in a scrapbook.
- Q5:** Describe the life and teachings of Guru Nanak.
- Note: Please complete all assignments in your respective subject notebooks/scrapbooks as indicated.



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HOLIDAY HOMEWORK



Class IX

ENGLISH

- Q1:** Q.1 Fill in the blanks with the correct form of the verb.
- She _____ (go) to school everyday.
 - They _____ (play) football now.
 - We _____ (watch) a movie tomorrow.
 - I _____ (live) here for five years.
 - He _____ (visit) Delhi last year.
- Q2:** Fill in the blanks using suitable modals
(Can, could, may, must, should, will)
- You should _____ obey your parents.
 - _____ I come in, Sir?
 - He _____ be at home now.
 - I _____ help you with your homework.
 - She _____ swim very well.
- Q3:** Fill in the blanks using suitable conjunctions:
- I was tired, _____ I went to sleep.
 - She is poor _____ honest.
 - Hurry up, _____ you will miss the bus.
 - I stayed home _____ it was raining.
 - He is weak _____ he is brave.
- Q4:** Write a notice about a cleanliness drive to be organised in your school campus.
- Q5:** Handcraft a pot using clay, let it dry properly and decorate it with suitable colours and decoration. (Write your name and class along with your roll.no)

HINDI

- Q1:** रैदास का जीवन परिचय सचित्र (चित्र के साथ प्रस्तुत करें)।
- Q2:** किन्हीं 02 अपठित गद्यांश तथा पद्यांश को लिखकर उचित प्रश्न तथा उत्तर लिखें।
- Q3:** किन्हीं 20 संज्ञा शब्दों को छाँटकर संज्ञा के भेदों के आधार पर वर्गीकरण करें।
- Q4:** प्रेमचंद की किसी कहानी की समीक्षा लिखें।
- Q5:** विद्यालय पत्रिका के लिए स्वरचित कविता/कहानी/निबंध/यात्रावृत्त का लेखन करें।
- Q6:** एक औपचारिक तथा एक अनौपचारिक पत्र का लेखन करें।
- Q7:** 50 नये शब्दों को लिखकर उनका अर्थ लिखें।

SCIENCE

- Q1:** BIOLOGY:
Prepare an Art Integrated Project on any one of the following topics-
1. Plastic pollution and its effects
 2. Waste segregation at home and school
 3. Biodegradable and non-biodegradable waste
 4. Water conservation methods
 5. Rainwater harvesting awareness
 6. Air pollution and respiratory health
 7. Role of trees in environmental protection
- Q2:** CHEMISTRY:

Create a neat and well-organized chart on the topic:

“Basic Properties of Elements”

Your chart should include the following details for at least 20 elements:

- * Name of the Element
- * Symbol
- * Atomic Number
- * Mass Number
- * Number of Protons
- * Number of Electrons
- * Number of Neutrons (Mass Number – Atomic Number)
- * Valency

2. Prepare a neat and creative chart on the topic:

“Methods of Separation of Mixtures”

Your chart should include the following methods:

i) Distillation (for homogeneous mixtures)

Definition, Diagram, Working principle, Example

ii) Sublimation

Definition, Substances that undergo sublimation, Diagram, Example

iii) Separation of Immiscible Liquids using Separating Funnel

Definition, Diagram of separating funnel, Steps of separation. Example (e.g., oil and water)

3. Watch a film or documentary about the structure of the atom and write a report answering the following questions:

- Which film or documentary did you watch, and what was its main idea or topic?
- What did the film or documentary teach you about the structure of the atom and the atomic model(s)?
- Which scientists were mentioned in the film or documentary, and what were their contributions?
- What part of the film or documentary did you find most interesting. and what question do you still have?

SOCIAL SCIENCE

Q1: To be completed on A4 size sheets:

Draw a specific natural disaster (Earthquake, GLOF, Avalanches) and explain them.

Q2: What are the mitigation measures of natural disasters?

Q3: Write the names of the states and their capitals.

ARTIFICIAL INTELLIGENCE

Q1: Write a program to print "Hello, World!".

Q2: Write a program to input two numbers and find their sum.

Q3: Write a program to find the difference of two numbers.

Q4: Write a program to multiply two numbers.

Q5: Write a program to divide two numbers.

Q6: Write a program to check whether a number is even or odd.

Q7: Write a program to find the square of a number.

Q8: Write a program to find the cube of a number.

Q9: Write a program to display the multiplication table of a given number.

Q10: Write a program to find the average of three numbers.



PM SHRI KENDRIYA VIDYALAYA KIMIN
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HOLIDAY HOMEWORK



Class X

ENGLISH

- Q1:** Write the synonym of the following words:
- Brave
 - Honest
 - Happy
 - Begin
 - Clever
- Q2:** Write the antonym of the following words:
- Victory
 - Ancient
 - Expand
 - Accept
 - Generous
- Q3:** Fill in the blanks with the correct form of verb in the given brackets.
- She _____ to school everyday. (go)
 - They _____ a movie yesterday. (watch)
 - He _____ the letter tomorrow. (write)
 - I _____ my homework before dinner. (finish)
 - We _____ football now. (play)
- Q4:** Choose the correct modals
- You _____ obey your teachers and elders. (must/ can)
 - We _____ save water (might/ should)
 - She _____ swim very well. (can/ ought)
 - You _____ not waste time. (could/ should)
 - _____ I come in, sir? (Should/ may)
- Q5:** Sketch a poster of Nelson Mandela on a chart and write a short biography on his life, struggles and achievements in your own words.

HINDI

- Q1:** सूरदास तथा तुलसीदास के जीवन परिचय को लिखते हुए सचित्र (चित्र के साथ) विवरण दें।
- Q2:** किन्हीं 02 अपठित गद्यांश तथा पद्यांश को लिखकर उचित प्रश्न तथा उत्तर लिखें।
- Q3:** विगत वर्ष के प्रश्न पत्र का अभ्यास करें।
- Q4:** प्रेमचंद के गबन उपन्यास की पुस्तक समीक्षा लिखें।
- Q5:** विद्यालय पत्रिका के लिए स्वरचित कविता/कहानी/निबंध/यात्रावृत्त का लेखन करें।
- Q6:** एक औपचारिक तथा एक अनौपचारिक पत्र का लेखन करें।
- Q7:** किन्हीं 04 वस्तुओं के विज्ञापन का लेखन करें।

परियोजना कार्य

विषय : "हिन्दी भाषा का महत्व"

5-7 पृष्ठों का एक सुंदर प्रोजेक्ट तैयार कीजिए जिसमें शामिल हों:

- हिन्दी भाषा का परिचय
- हिन्दी का इतिहास

- दैनिक जीवन में हिन्दी का महत्व
- प्रसिद्ध हिन्दी लेखक एवं कवि
- चित्र एवं सजावट
- निष्कर्ष

MATHEMATICS

- Q1:** Using Euclid's Division Lemma, find the HCF of: 455 and 42
Also verify:
 $\text{HCF} \times \text{LCM} = \text{Product of the Numbers}$
- Q2:** If one zero of the polynomial $p(x) = 2x^2 - 7x + 3$ is 3, find the other zero and verify the relationship between zeroes and coefficients.
- Q3:** Solve graphically: $x + y = 5$ and $2x - y = 4$
Also write the point of intersection.
- Q4:** Find the 20th term of the A.P.: 7, 11, 15, 19, ...
Also find the sum of first 20 terms.
- Q5:** State and prove the Basic Proportionality Theorem (Thales Theorem) with a neat diagram.
- Q6:** Solve mentally:
- 45245^{2452}
 - $99 \times 9999 \times 9999 \times 99$
 - $144 \sqrt{144} 144$
 - 15% of 15% of 800
 - Cube of 12

ARTIFICIAL INTELLIGENCE

- Q1:** Write a program to find the largest among three numbers.
- Q2:** Write a program to check whether a number is prime or not.
- Q3:** Write a program to find the factorial of a number.
- Q4:** Write a program to reverse a given number.
- Q5:** Write a program to check whether a number is a palindrome.
- Q6:** Write a program to generate Fibonacci series up to n terms.
- Q7:** Write a program to count the number of digits in a number.
- Q8:** Write a program to find the sum of digits of a number.
- Q9:** Write a program to create a simple calculator (using +, -, ×, ÷ operations).
- Q10:** Write a program to check whether a number is Armstrong or not.

SOCIAL SCIENCE

- Q1:** Identify the soil types found in your region and paste pictures with their name.
- Q2:** Define "Sustainable Development" and find three examples of it in current news.
- Q3:** Write about the Unification of Great Britain

SCIENCE

- Q1: PHYSICS**
1. Case-Based Question (Mirror in Daily Life)
Ravi uses a mirror while riding his bike. He notices that the mirror shows a wide area behind him but objects appear smaller.

Questions: a) Identify the type of mirror used.

b) Why does it show a wider field of view?

c) What is the nature of the image formed?

2. Assertion–Reason Type

Assertion (A): A concave mirror can form both real and virtual images.

Reason (R): A concave mirror converges parallel rays to a focus.

Options:

a) Both A and R are true and R is correct explanation ✓

b) Both A and R are true but R is not correct explanation

c) A is true, R is false

d) A is false, R is true

3. Experimental Skill-Based Question

A student places an object in front of a concave mirror and observes that no image is formed on the screen.

Questions: a) Where is the object placed?

b) What type of image is formed?

c) Why can't it be obtained on a screen?

Q2:

(CHEMISTRY)

Prepare a chart covering different types of reaction. Include

i) Combination Reaction

ii) Decomposition Reaction

iii) Displacement Reaction

iv) Double Displacement Reaction

v) Redox Reaction

Write definition and one balanced chemical equation and one real example of each type..

02. Prepare a coloured chart of the PH Scale

(0 to 14) include examples of different substances like lemon juice , soap water, etc and label them as acidic basic and neutral ranges.

03. Case Study

Write an explanation with reasoning.

a. Why toothpaste is basic?

b. Why Soil pH matters in farming ?

c. Why antacid are used in acidity?

Q3:

BIOLOGY

Prepare an Art Integrated Project for the given topics-----

1. Study of BMI and lifestyle habits among teenagers ROLL NO: 1-4

2. Impact of junk food on student health and concentration ROLL NO: 4-8

3. Comparative study of sleeping habits and academic performance ROLL NO: 9-12

4. Effect of yoga and meditation on stress levels ROLL NO: 13-16

5. Awareness and prevention of lifestyle diseases like diabetes or hypertension ROLL NO: 16-18

6. Study of anemia among adolescent students ROLL NO: 19-22

7. Effect of screen time on eye strain and sleep quality ROLL NO: 23-26

Suggested CBSE Project Format

- Cover Page
- Certificate
- Acknowledgement
- Index
- Introduction
- Aim/Objectives
- Materials Required
- Procedure/Methodology

- Observation
- Data/Survey Analysis
- Result
- Conclusion
- Precautions
- Bibliography



PM SHRI KENDRIYA VIDYALAYA KIMIN

SUMMER VACATION, 2026-27

HOLIDAY HOMEWORK



Class XI

ENGLISH

Q1: Project Work on “The Portrait of a Lady” by Khushwant Singh

Instructions:

- Write the project neatly in an A4-size project file.
- Include pictures, drawings, or creative illustrations wherever suitable.
- Use proper headings and subheadings.
- The project should be handwritten.
- Word Limit: 1200–1500 words.

Topics to be Included-

- Write a short biography of Khushwant Singh including: Early life, Literary works, Writing style, Contribution to Indian literature
- Summary of the Chapter- Write a detailed summary of The Portrait of a Lady in your own words.
- Character Sketch of the Grandmother, Narrator and Grandfather- Describe: appearance, Nature and personality, Religious beliefs, Relationship with the narrator, Changes in her life over time
- Theme Analysis: Explain the major themes of the story: Love and affection, Changing relationships, Tradition vs modernity, Old age and loneliness, Emotional bonding.
- Important Values Learnt: Write the moral values and life lessons conveyed through the story. Imagine yourself as a reporter of your school magazine and prepare a script for an interview with the grandmother.

Q2: Book Review Activity

Instructions

- Read any one non-fictional writing by an Indian writer.
- Read any two fictional writings.
- Write a detailed book review on each.

HINDI

Q1: संचार की प्रक्रिया तथा भेदों को उत्तर पुस्तिका में लिखें तथा जनसंचार से इसका भेद स्पष्ट करें।

Q2: किन्हीं 02 अपठित गद्यांश तथा पद्यांश को लिखकर उचित प्रश्न तथा उत्तर लिखें।

Q3: हिन्दी समाचार पत्र से 05 संपादकीय अंशों को काटकर अपनी उत्तर पुस्तिका में चिपकाएँ।

Q4: प्रेमचंद के किसी उपन्यास की समीक्षा लिखें।

Q5: विद्यालय पत्रिका के लिए स्वरचित कविता/कहानी/निबंध/यात्रावृत्त का लेखन करें।

Q6: एक औपचारिक तथा एक अनौपचारिक पत्र का लेखन करें।

MATHEMATICS

Q1: Solve Activity 1 and Activity 2 of chapter 1 and 2.

BIOLOGY

Q1: Gut Microbiome and Human Health ROLL NO. 1,2

Role of gut bacteria in:

- digestion
- immunity
- mental health

- Q2:** Lifestyle Diseases Among Teenagers ROLL NO. 3,4,12
Survey-based study on:
- obesity
 - diabetes
 - hypertension
 - stress
- Q3:** Mental Health Awareness Among Students ROLL NO. 5,6,10
Biological effects of:
- stress
 - anxiety
 - sleep deprivation
- Q4:** Impact of Screen Time on Health ROLL NO. 7,8,9
Study relation with:
- sleep
 - eyesight
 - concentration
 - mental health

PHYSICS

- Q1:** What is Physics? Explain its importance in daily life with two examples.
- Q2:** Explain the relation of Physics with:
- Chemistry
 - Biology
 - Mathematics
- Q3:** Collect pictures and write short notes on:
- Satellite communication
 - MRI machine
 - Solar panels
 - Electric vehicles

CHEMISTRY

- Q1:** Prepare a scrapbook on: Chemistry Around Us
- Medicines
 - Fertilizers
 - Cosmetics
 - Food preservatives
 - Cleaning agents
- Q2:** Collect 10 daily-life substances and estimate:
- Molecular mass
 - Number of moles in given quantity
- Q3:** Prepare an Investigatory Project on the Topic: (any one)
“Study the Rates of Evaporation of Different Liquids and Their Relation to Chemical Constitution”
Guidelines:
The project should include:
- Introduction
 - Aim/Objectives
 - Materials Required
 - Procedure
 - Observations
 - Result and Conclusion
 - Precautions
 - Real-life Applications
- Students may compare liquids such as:
- Water
 - Alcohol
 - Acetone
 - Perfume

- Petrol (observation only, with safety precautions)

Focus Areas:

- Intermolecular forces
- Volatility
- Molecular structure
- Factors affecting evaporation

OR

“Study of the Acid and Mineral Contents of Vegetables and Fruits”

Objectives:

- (a) To determine the amount of acids present in various vegetables and fruits.
- (b) To detect the presence of iron, carbohydrates, proteins, sugars, etc. in vegetables and fruits.

Guidelines:

The project should include:

- Introduction
- Aim and Objectives
- Materials Required
- Procedure/Methodology
- Observations and Tabulation
- Chemical Tests Performed
- Result and Conclusion
- Precautions
- Bibliography

COMPUTER SCIENCE

- Q1:** Write a Python program to print “Hello World”.
- Q2:** Write a Python program to add two numbers entered by the user.
- Q3:** Write a Python program to find the square of a number.
- Q4:** Write a Python program to check whether a number is even or odd.
- Q5:** Write a Python program to find the largest of two numbers.
- Q6:** Write a Python program to check whether a student is pass or fail.
- Q7:** Write a Python program to display multiplication table of a number.
- Q8:** Write a Python program to calculate factorial of a number.
- Q9:** Write a Python program to print numbers from 1 to 100 using loop.
- Q10:** Write a Python program to find sum of first n natural numbers.
- Q11:** Write a Python program to reverse a string.
- Q12:** Write a Python program to count vowels in a string.
- Q13:** Write a Python program to check whether a string is palindrome or not.
- Q14:** Write a Python program to create a list and display its elements.
- Q15:** Write a Python program to find largest element in a list.

ARTIFICIAL INTELLIGENCE

- Q1:** Write a Python program to access DataFrame elements using loc[].
- Q2:** Write a Python program to access DataFrame elements using iloc[].
- Q3:** Write a Python program to identify missing values using isnull().
- Q4:** Write a Python program to replace missing values using fillna().
- Q5:** Write a Python program using NumPy to find sum, mean, and maximum of array elements.
- Q6:** Write a Python program to take array input from user using NumPy.
- Q7:** Write a Python program to create a Pandas Series.
- Q8:** Write a Python program to create a Pandas DataFrame.
- Q9:** Write a Python program to create a DataFrame using NumPy arrays.
- Q10:** Write a Python program to create a DataFrame using list of dictionaries.



PM SHRI KENDRIYA VIDYALAYA KIMIN

SUMMER VACATION, 2026-27

HOLIDAY HOMEWORK



Class XII

ENGLISH

Q1: Project Work on “The Last Lesson” by Alphonse Daudet

Instructions:

- Write the project neatly in an A4-size project file.
- Include pictures, drawings, or creative illustrations wherever suitable.
- Use proper headings and subheadings.
- The project should be handwritten.
- Word Limit: 1200–1500 words.

Topics to be Included-

- Write a short biography of the writer including: Early life, Literary works, Writing style, Contribution to Indian literature
- Summary of the Chapter- Write a detailed summary of “The Last Lesson” in your own words.
- Character Sketch of the Narrator and M Hamel.
- Theme Analysis: Explain the major themes of the story.
- Write the moral values and life lessons conveyed through the story.
- Imagine yourself as a reporter of your school magazine and prepare a script for an interview with M Hamel and Franz.

Q2: Book Review Activity

Instructions

- Read any one non-fictional writing by an Indian writer.
- Read any two fictional writings.

Write a detailed book review on each.

HINDI

- Q1:** हरिवंशराय बच्चन की किन्हीं 03 कविताओं का संकलन कर उत्तर पुस्तिका में लिखें।
- Q2:** किन्हीं 02 अपठित गद्यांश तथा पद्यांश को लिखकर उचित प्रश्न तथा उत्तर लिखें।
- Q3:** हिन्दी समाचार पत्र से 05 संपादकीय अंशों को काटकर अपनी उत्तर पुस्तिका में चिपकाएँ।
- Q4:** प्रेमचंद के किसी उपन्यास की समीक्षा लिखें।
- Q5:** विद्यालय पत्रिका के लिए स्वरचित कविता/कहानी/निबंध/यात्रावृत्त का लेखन करें।
- Q6:** विगत बोर्ड परीक्षा प्रश्न पत्रों 2025-2026 के अपठित अंशों को हल करें।

परियोजना कार्य

1. सोशल मीडिया और हिन्दी विषय पर परियोजना कार्य करें।

MATHEMATICS

Q1: Solve activity 1,2,3,4,5,6,7

BIOLOGY

Q1: Prepare an Investigatory Project for the following topic:

Artificial Intelligence in Healthcare and Biology

Use of AI in:

disease diagnosis

drug discovery

medical imaging
personalized medicine

Q2: Role of Biotechnology in Modern Agriculture

GM crops
biofertilizers
biopesticides
tissue culture

Q3: Your Biology investigatory project should usually include:

- Title
- Certificate
- Acknowledgement
- Index
- Introduction
- Aim/Objectives
- Hypothesis
- Materials Required
- Methodology
- Observations/Data
- Result
- Conclusion
- Precautions
- Bibliography

CHEMISTRY

Q1: Prepare an Investigatory Project on the Topic:

“Study of Common Food Adulterants”

Objective: To identify common food adulterants present in fat, oil, butter, sugar, turmeric powder, chilli powder, and pepper using simple chemical tests.

Guidelines:

The project should include:

- Introduction
- Aim/Objectives
- Materials Required
- Principle of the Tests
- Procedure/Methodology
- Observations and Inference
- Result and Conclusion
- Precautions
- Bibliography

Q2: Batteries in Daily Life Explain different batteries:

- a. Dry cell
- b. Rechargeable battery
- c. Lithium-ion battery.

Add Working principle and Uses

PHYSICS

Q1: Draw neat diagrams of:

- a. Electric field due to a positive charge
- b. Electric field due to a dipole
- c. Uniform electric field

Q2: Two charges +4 micro Coulomb and -2 micro Coulomb are placed 30 cm apart in air. Find the force between them.

- Q3:** Calculate the electric field at a point 20 cm away from a charge of 5 micro coulomb.
- Q4:** Case Study Based Questions
A student rubs a plastic scale with dry hair and brings it near small paper pieces. The paper pieces get attracted.
Answer the following:
- Which method of charging is used here?
 - Why do paper pieces get attracted?
 - What type of charge develops on the scale?
 - Name one device based on static electricity.
- Q5:** Practice PYQs from provided sample paper sets in your group.

COMPUTER SCIENCE

- Q1:** Write a menu drive program to Python to implement stack using a list and perform the following functions:
- Push
 - Pop
 - Display
 - Exit
- Q2:** Consider the books and issue of the table and write SQL commands for given statements:

Table: BOOKS

BID	BNAME	AUNAME	PRICE	TYPE	QTY
COMP11	LET US C	YASHWANT	350	COMPUTER	15
GEOG33	INDIA MAP	RANJEET P	150	GEOGRAPHY	20
HIST66	HISTORY	R BALA	210	HISTORY	25
COMP12	MY FIRST C	VINOD DUA	330	COMPUTER	18
LITR88	MY DREAMS	ARVIND AD	470	NOBEL	24

Table: ISSUED

BID	QTY_ISSUED
HIST66	10
COMP11	5
LITR88	15

- Write a command to add primary key and foreign key in tables using alter.
 - Increase the price of all computer books by 70.
 - Display the book id, book name, and quantity issued for all books that have been issued
- Q3:** Write a Python program to create a CSV file and store student details.
- Q4:** Write a Python program to read data from a CSV file.
- Q5:** Write a Python program to append new records into a CSV file.
- Q6:** Write a Python program to search a student record from a CSV file.
- Q7:** Write a Python program to create a CSV file and store student details.
- Q8:** Write a Python program to count vowels, consonants, digits, and spaces in a string.
- Q9:** Write a Python program to create a list and find the largest and smallest elements.
- Q10:** Write a Python program to sort a list in ascending and descending order.
- Q11:** Write a Python program to count frequency of each element in a list.
- Q12:** Write a Python program to check whether a number is prime or not.
- Q13:** Write a Python program to generate Fibonacci series.
- Q14:** Write a Python program to find factorial of a number using function.
- Q15:** Write a Python program to check whether a string is palindrome or not.

ARTIFICIAL INTELLIGENCE

- Q1:** Write a Python program to create a simple chatbot for greeting users.
- Q2:** Write a Python program to detect spam messages using keywords.
- Q3:** Write a Python program to predict student result (Pass/Fail) based on marks.
- Q4:** Write a Python program using NumPy to perform array operations for AI data.
- Q5:** Write a Python program using Pandas to create and analyze student data.
- Q6:** Write a Python program to detect faces using OpenCV.
- Q7:** Write a Python program to create a basic recommendation system.
- Q8:** Write a Python program to analyze temperature data and predict average temperature.
- Q9:** Write a Python program using Scikit-learn for simple machine learning prediction.
- Q10:** Write a Python program to classify numbers as positive, negative, or zero using conditional statements.
- Q11:** Write a Python program to classify numbers into positive, negative, even, and odd categories.
- Q12:** Write a Python program to create a chatbot that replies differently for different user inputs.
- Q13:** Write a Python program to count word frequency from a text file.
- Q14:** Write a Python program to predict whether a student will pass or fail based on attendance and marks.
- Q15:** Write a Python program using Pandas to analyze student marks and calculate average, highest, and lowest marks.