

KENDRIYA VIDYALAYA, GUNUPUR, GUNUPUR-765022

HOLIDAY HOMEWORK 2026 (Summer Vacation)

CLASS-VIII

SUBJECT: Social Sc.

1. What are the natural Resources? Explain their different types with suitable examples?
2. Explain the importance of natural resources in human life.
3. What is resource conservation? Describe various methods of conserve natural resource.
4. Explain the cause and effects of overuse of natural resources.
5. What is sustainable development? Why is it necessary?
6. Describe the role of humans in the conservation of natural resources.
7. Classify natural resources on the basis of origin, renewability and ownership.
8. How can individuals contribute to the construction of natural resources in daily life?

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Holiday Homework 2026
Subject - Sanskrit Class - VIII

- (1) व्याकरण - मीट् - लकार - ("भू" धातुः)
- (2) व्याकरण - मीट् - लकार - ("पा" धातुः)
- (3) व्याकरण - मीट् - लकार - (गम् धातुः)
- (4) व्याकरण - मीट् - लकार - ("नी" धातुः)
- (5) व्याकरण - मीट् - लकार - (दृश् धातुः)
- (6) व्याकरण - मीट् - लकार - ("स्था" धातुः)

(7) पृथम पाठः - संगच्छन्तं संवदन्तम्

- (क) प्रश्नः - कीदृशं भवेत् ?
- (ख) सर्वेषां मनः संगच्छन्तं संवदन्तम् इत्यस्य कः अभिप्रायः ?
- (ग) सर्वे किं परित्यज्य शीघ्रं भावेन जीवन्तुः ?
- (घ) अस्मिन् पाठे का प्रेरणा अस्ति ?

CLASS -VIII

1. Explain how the shape and structure of a nerve cell are specifically adapted to its function in the Human body.
2. A person prepares a pickle by adding a high concentration of salt to vegetables. Explain, based on The information in the chapter, why this method prevents microbial growth and spoilage.
3. Explain the difference between unicellular and multicellular organisms with examples mentioned .
4. How do some microorganisms, like bacteria and fungi, act as “key players in cleaning the
5. Describe the three basic parts of a cell and briefly explain the function of each part.
6. A Student observes a microscopic slide of a plant cell and an animal cell side-by-side. Based on The chapter, list three key differences the student would observe between the two cells.
7. He process of curdling milk into curd is a common household phenomenon. Explain the role of The microorganism responsible for this process, including the specific conditions required for it To thrive.
8. . Imagine you are a scientist trying to find a new way to deal with waste from a local farm. Based On the chapter, explain how you could use microorganisms to help solve this problem. Detail the Process, the microorganisms involved, and the potential products that could be created from this.

KENDRIYA VIDYALAYA GUNUPUR

SUBJECT: MATHEMATICS

CLASS: VIII

SUMMER HOLIDAY HOME WORK

SESSION: 2026-27

“Do the project work in A4 paper only and submit in a file/folder”

1. Math in Daily Life: Calendar Patterns

What to Do:

- Take a printed calendar of any month.
 - Highlight all square numbers, cube numbers, and prime numbers in different colours.
 - Pick a 2x2 number grid and observe magic patterns like diagonal sums.
 - Write your findings in a chart or notebook.
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2. Dice Math Game: Cube Numbers Challenge

What to Do:

- Make a cube/dice using cardboard.
 - Roll it 10 times, record each number, and calculate its cube.
 - Plot a bar graph of cube values.
 - Reflect: Which numbers made perfect cubes?
-

3. Polygon Art Collage

What to Do:

- Cut out or draw different polygons (triangle, square, hexagon, etc.).
 - Paste them creatively into an art collage.
 - Label number of sides, angles, and lines of symmetry.
 - Include 3 real-life examples for each shape.
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4. Fraction Pizza Party Project

What to Do:

- Create a paper pizza and cut it into slices ($\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{6}$, etc.).
 - Colour and label the fractional parts.
 - Explain how different slices make a whole (e.g., $\frac{1}{2} + \frac{1}{4} + \frac{1}{4} = 1$).
 - Optional: Do it with real food for fun!
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5. My Favourite Data Story

What to Do:

- Survey your family or friends on a topic (favourite fruits, games, etc.).
 - Record data using tally marks.
 - Represent it using a pictograph, bar graph, and line graph.
 - Write 3–5 conclusions.
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Complete all the math worksheets of CRM on Classwork Notebook.

कक्षा 8: हिंदी ग्रीष्मकालीन गृहकार्य

हिंदी व्याकरण, साहित्य और रचनात्मक लेखन का महा-अभ्यास

भाग 1: व्याकरण का महा-संग्राम

लक्ष्य: व्याकरण की जड़ों को मजबूत करना।

1. वर्ण, शब्द और संज्ञा

- वर्णमाला के सभी वर्णों के उच्चारण स्थान लिखें।
- संज्ञा के 5 भेदों की परिभाषा लिखकर प्रत्येक के 20-20 उदाहरण दें (कुल 100 उदाहरण)।
- लिंग और वचन बदलो: अपनी पाठ्यपुस्तक से 50-50 शब्द चुनकर उनके रूप बदलें।

2. सर्वनाम, विशेषण और क्रिया

- सर्वनाम के सभी भेदों का एक रंगीन फ्लोचार्ट (Flowchart) बनाएँ।
- 100 विशेषण शब्द लिखें और उनका वाक्यों में प्रयोग करें।
- सकर्मक और अकर्मक क्रिया के 25-25 वाक्य लिखें।

3. संधि और समास (विस्तृत अभ्यास)

- स्वर संधि के सभी 5 भेदों के 10-10 उदाहरण विच्छेद सहित लिखें।
- अव्ययीभाव, तत्पुरुष, द्वंद्व और बहुव्रीहि समास के 20-20 उदाहरण विग्रह सहित लिखें।

भाग 2: लेखन और साहित्य

4. पत्र लेखन (व्यापक अभ्यास)

- औपचारिक पत्र: नगर निगम, प्रधानाचार्य, और संपादक को कुल 10 विभिन्न विषयों पर पत्र लिखें।
- अनौपचारिक पत्र: दादा-दादी, मित्र और भाई-बहन को छुट्टियों और पढ़ाई के विषय में 10 पत्र लिखें।

5. निबंध और अनुच्छेद लेखन

- नीचे दिए गए 5 विषयों पर 300-300 शब्दों के निबंध लिखें:
1. मेरा भारत महान 2. अनुशासन का महत्व 3. वनों की उपयोगिता 4. इंटरनेट के लाभ-हानि 5. मेरा प्रिय त्योहार।

6. अपठित बोध

- किसी भी पुरानी व्याकरण पुस्तक से 20 अपठित गद्यांशों को हल करें।

भाग 3: शब्दावली और प्रोजेक्ट

दैनिक कार्य: प्रतिदिन 5 मुहावरे, 5 विलोम शब्द, 5 पर्यायवाची और 5 अनेक शब्दों के लिए एक शब्द याद करें और लिखें।

7. मुख्य प्रोजेक्ट (Project Work)

- **कवि परिचय:** किन्हीं 10 प्रसिद्ध हिंदी कवियों (जैसे कबीर, तुलसीदास, निराला, महादेवी वर्मा) के चित्र चिपकाएँ और उनकी जीवनी व मुख्य रचनाएँ लिखें।
- **कहानी बुनाई:** अपनी कल्पना से 2 मौलिक कहानियाँ (500 शब्दों की) लिखें और उनमें आए कठिन शब्दों को रेखांकित करें।
- **सुलेख:** प्रतिदिन एक पेज सुंदर लिखावट में हिंदी सुलेख लिखें।

"परिश्रम ही सफलता का एकमात्र मार्ग है। इसे पूरा करने के बाद आप हिंदी के विद्वान बन जाएंगे!"

HOLIDAY HOMEWORK
CLASS-VIII
SUBJECT: ENGLISH
SECTION A: READING (15 Marks)

I. Read the passage carefully and answer the questions that follow.

(7 marks)

Deep within the mysterious Enchanted Forest, where ancient trees whispered secrets and magical creatures roamed freely, lived in a young sorcerer named Elara. She possessed a unique gift – the ability to communicate with the spirits of forest. The spirits, guardians of nature's balance, granted Elara insights into the magical energies that flowed through the land.

One day, an ominous darkness began to spread across the Enchanted Forest, threatening to consume the vibrant life that thrived within. Alarmed by the disturbance Elara sought guidance from the wise Spirit of the Elder tree. The Elder tree revealed that a powerful artifact, the Crystal of Twilight, had been stolen by a malevolent sorcerer who sought to harness its energy for dark purposes.

Determined to save her home, Elara embarked on a perilous quest to retrieve the Crystal of Twilight. Along her journey, she encountered mythical creatures that tested her wit and courage. The Moonlit Gryphon challenged her with riddles under the silvery moonlight, and the Whispering Nymphs shared cryptic messages that guided her through enchanted glades.

As Elara ventured deeper into the heart of the forest, she discovered the hidden lair of the malevolent sorcerer. A fierce magical duel ensued, where Elara's connection to the spirits proved to be her greatest strength. With a surge of energy from the elder tree, she reclaimed the Crystal of Twilight and restored harmony to the Enchanted Forest.

The spirits, grateful for Elara's bravery, bestowed upon her a magical amulet that would forever link her to the heartbeat of the forest. From that day forward, Elara continued to safeguard the Enchanted Forest, ensuring that its magic flourished and that the balance between light and darkness endured.

1. What unique ability does Elara possess in the Enchanted Forest? 1Mark
A. Invisibility B. Shape-shifting
C. Communicate with the forest spirits D. flight on a magical broomstick
2. What is the cause of the ominous darkness spreading across the enchanted forest? 1Mark
A. Elara's magical experiments B. Theft of the Crystal of Twilight
C. Natural phenomenon D. A curse from an ancient sorcerer
3. Who reveals information about the stolen Crystal of Twilight to Elara? 1Mark
A. Moonlit Gryphon B. Whispering Nymphs
C. Elder Tree D. Enchanted Glades
4. How does Elara prove her strength during the magical duel with the malevolent sorcerer? 1Mark
A. By using a powerful wand B. By summoning mythical creatures
C. By her connection to the spirits D. By casting ancient spells
5. What reward do the spirits bestow upon Elara for her bravery? 1Mark
A. A magical broomstick B. A Crystal ball
C. A magical amulet D. Wings to fly
6. What challenged Elara during her journey through the Enchanted forest? 1Mark
A. Harsh weather conditions B. Cryptic messages from the Elder tree
C. Riddles presented by the Moonlit Gryphon D. A maze of twisting vines
7. What threatened the Enchanted Forest before Elara's quest? 1Mark
A. Invasion by a neighbouring kingdom B. A curse from an evil sorceress
C. Theft of the crystal of Twilight D. Natural disaster

II. Read the given passage and answer the questions that follow.

8 Marks

Oliver approached his mother with a request to ride his bicycle to the park. With a condition, she granted permission, stating that he must wear his helmet during the ride.

Upon arriving at the park, Oliver discovered a scene bustling with activity. People of all ages held garbage bags, including some of his friends and teachers. Emma, his close friend, informed Oliver that everyone was joining forces to clean the park. Emma then asked Oliver if he would lend a hand, to which he readily agreed, promptly requesting a garbage bag.

After an hour of diligent work, Oliver managed to fill three large garbage bags. His friends were equally dedicated, contributing significantly to the cleanup efforts.

As a token of appreciation, the teachers treated everyone who participated in the park cleanup to pizza and refreshing lemonade. After the satisfying meal, Oliver and his friends conscientiously deposited their own trash in the provided garbage cans, reinforcing their commitment to keeping the park clean.

- SECTION B: WRITING SKILLS & GRAMMAR** (15 Marks)
of the following questions. (5Marks)

OR

- B. You are Mohan/Mohini, the school captain of Swami Vivekanand Public School, Lucknow. Your school is going to organize ‘Annual Day’ after two weeks. Write a notice informing the students about

it. Also inform the students to participate in various activities like poetry recitation, group song, group dance, skit, action song, speech etc. to make the annual day more appealing.

IV. Answer any **ONE** of the following questions.

(5 Marks)

A. Read the hints given below and write a paragraph in about 100-120 words on 'Trees -Our Lifeline'.

*Essential for living

*Gives Oxygen

*Absorb Carbon Dioxide

*Reduces Pollution

*Climate Control

*Shelter and Food

*Useful for Animals

*Prevent soil Erosion

OR

B. You are Marry/Michel of 55/4, Green Park Apartment, Shivpuri. Recently you have observed the difficulties faced by the people of your apartment due to the scarcity of water especially during the summer months. Write a letter to the Chairman of Municipal Corporation of your city to set up a rain harvesting unit. Also give your own suggestions to solve the issue. You may take help from the hints given below. (100-120 words)

*Regulates body temperature

*Biological functions

*Human health & survival

*Removal of waste from body

*Digestive & Metabolic Support

* Household chores

*Useful for animals

* Useful for Plants

V. Fill in the blanks with the correct form of verbs given in brackets.

(3 marks)

As we were (a) _____ (talk), I (b) _____ (realise) how much wisdom they (c) _____ (impart) to me over the years. I remembered the times we spent together planting flowers and learning about life.

VI. Choose and write the appropriate adjective with the words given below.

(2 marks)

Delighted hushed sheepish vague sluggish narrow

a. _____ path

(b) _____ plan

(c) _____ look

(d) _____ voices



KENDRIYA VIDYALAY GUNUPUR

SESSION - 2026-27

SUMMER HOLIDAYS HOMEWORK

CLASS - VI to X

Note - Write all the answer in your HW notebook.

MUSIC / DANCE / ART

1. Write about the Devadasi and Gotipua dance traditions.
2. Design traditional dress of Maharashtra (on chart paper).
3. Describe briefly Indian and Western musical instruments.
4. Create a short musical composition using household items (record a video or audio clip).
5. Prepare a musical project of your choice (e.g., song, dance, or instrument).
6. Write the National Anthem (10 lines) neatly in a notebook.
7. Practice singing a simple song of your choice for 5–10 minutes daily.

HOLIDAY HOME WORK

SUBJECT: AI

CLASS:VIII

Competency Based Questions

- Q1- Choose the correct answer- [7]**
- 1) People possessing which of the following type of intelligence are considered introverts?
a) Interpersonal b) Kinaesthetic
c) Intrapersonal d) Verbal
 - 2) The process of learning enhances our _____.
a) Knowledge b) Intelligence
c) Both a and b d) None of these
 - 3) Our intelligence helps in which of the following ?
a) Draw conclusions from the facts b) Solve problems
c) Learn more d) All of these
 - 4) To solve different types of problems, different types of _____ are needed.
a) People b) Plans
c) Places d) Intelligence
 - 5) Brain is composed of which of the following to store and transmit information?
a) Arteries b) Veins
c) Neurons d) Chips
 - 6) Unwanted signals in communication areas called which of the following?
a) Pollution b) Noise
c) Distraction d) Short circuit
 - 7) Machines that execute voice commands are able to understand which of the following?
a) Grammar b) Commands c) Machine language d) Natural language
- Q2- Fill in the blanks- [10]**

- 1) Identifying and classifying documents is an application of _____.
- 2) Customers can find out about services and products of a company by using its _____.
- 3) _____ can understand speech and execute routine tasks.
- 4) _____ helps in assessing the popularity of a product or celebrity.
- 5) Repeated attempts of login in a bank account could be an attempt of _____.
- 6) Machines with _____ intelligence are under research.

_____ intelligence needs guiding rules to perform the tasks.

- 8) Another name for weak intelligence is _____ intelligence.
- 9) Self- driven car is said to possess _____ intelligence.

- 10) _____ is the highest form of machine intelligence on the basis of functionality.

- Q3- Match the following- [5] Column –I Column-II**
- 1) Predictive search a. Identify a face in a video clip
 - 2) Fraud detection b. Our buying habits and preferences
 - 3) Product recommendation c. Words recommended based on the previous searches
 - 4) Sentiment analysis d. Transfer of a huge amount from one account to other
 - 5) Object detection e. Our online interactions about a product or service

Q4- True or False- [8]

- 1) People can have multiple intelligences.
- 2) Some people are intelligent while some are utter fools.
- 3) Computers only know English language.
- 4) Computers are faster but not smarter than human brain.
- 5) Everyone is intelligent in different ways.
- 6) AI- enabled machine function exactly like human brain.
- 7) Computer's processing speed is higher than that of human brain. 8) Just like human intelligence, AI is also of different types.

Short/Long Questions

Q5- Answer the following questions- [10] 1) What is AI?

- 2) Write about Verbal Intelligence
- 3) Write about Logical Intelligence
- 4) What is NLP?
- 5) Name 4 types of AI on the basis of functionality.

Q6- Long Answer- [20] 1) Write about Musical Intelligence and definition of AI according to John McCarthy.

- 2) What is Object detection?
- 3) How is Generalised Intelligence different from Narrow Intelligence. 4) List any 4 difference between the functioning of human brain and Computer.