CLASS : VIII

SUBJECT : SCIENCE

1. **What are natural resources?**
2. **Name two fossil fuels.**
3. **How is coal formed?**
4. **What is petroleum?**
5. **What is the main use of petroleum?**
6. **What is the process of separating petroleum into different products called?**
7. **Name two products obtained from petroleum.**
8. **Why are coal and petroleum called fossil fuels?**
9. **Name two harmful effects of using fossil fuels.**
10. **Why should we use fossil fuels wisely?**

What are fossil fuels? Explain how coal and petroleum are formed.

What is petroleum refining? List the products obtained from petroleum.

Why should we conserve coal and petroleum? Suggest some ways to conserve them.

CLASS : VII

SUBJECT : SOCIAL SCIENCE

Prepare mind maps for the following chapters

1. Women, Caste and Reform

2. Industries

3. Understanding Marginalization

KENDRIYA VIDYALAYA GUNUPUR
Summer Break Holiday Homework
Class:-VI
Session:-2025-2026

1.	Very short answer type question
a.	An _____is a step-by-step procedure for calculations.
b.	In a flowchart,..... indicate the sequence of steps and the direction of flow.
c.	..... is used to accept input and give output of a program.
d.	The .....represents the starting or ending point of a program.
e.	_____are the pictorial representation of a program.
f.	An algorithm should involve _____number of steps to reach a solution.
g.	The _____box is used for checking or applying any condition in the program.
h.	State True or False:- Algorithm means a set of rules which specify how to solve a specific problem.
i.	State True or False:- Flowcharts are helpful in analyzing the logic of problems.
j.	State True or False:- Connectors are used to connect the boxes.
2.	short answer type question
a.	What is the use of input/output box?
b.	When do we use the Process box?
c.	Write Types of Flowchart
d.	Write the difference between algorithm and flow chat.
e.	What is an algorithm? Write any three characteristics of an algorithm.
f.	Define the term flowchart. Write any two advantages of a flowchart.
g.	What is an algorithm? What is the need for an algorithm?
h.	Write Dataflow of an Algorithm
i.	Draw Flowchart symbols and write their use.
3.	Long answer type question
a.	Write algorithms for the following problems To give a bonus of Rs 1000 to those employees whose salary is more than Rs 5000
b.	Draw the following flowcharts Draw a flowchart in Microsoft Word for buying stationery from the market.
c.	Draw a flowchart to accept two numbers, if the first number is greater than the second number, print their sum, otherwise print their product.
d.	Write algorithms for the following problems To find (a+b)3

KENDRIYA VIDYALAYA GUNUPUR

SUBJECT: ENGLISH

CLASS-VIII **SUMMER HOLIDAY HOMEWORK**

1. Reading Enrichment

Choose and read any one novel or storybook:

- *The Diary of a Young Girl* by Anne Frank
- *To Sir, With Love* by E.R. Braithwaite
- *Wings of Fire (Abridged)* by Dr. A.P.J. Abdul Kalam

Tasks:

- Write a **summary** of the book (200–250 words).
- Discuss the **central theme** and what lesson you learned.
- Pick **5 new or powerful words**, find their meanings, and use them in your own sentences.

2. Writing Skills

Choose **any one** of the following and write in 200–250 words:

- **Narrative:** "The Day Technology Disappeared"
- **Descriptive:** "A Place I Would Love to Visit Again"
- **Argumentative:** "Should Homework Be Banned During Vacations?"

Ensure the writing includes:

- A clear introduction and conclusion
- Good vocabulary and grammar
- Use of figurative language (metaphors/similes) where appropriate

3. Grammar Practice

Complete the following exercises:

- Write 5 examples each of:
  - **Active and Passive voice**
  - **Direct and Indirect speech**
- Identify the **types of sentences** (assertive, interrogative, imperative, exclamatory) in 10 self-made sentences.
- Rewrite 5 simple sentences using **adjective and adverb clauses**.

4. Vocabulary & Expression

- Prepare a **"Word Journal"** of 10 **advanced vocabulary words** (from books, shows, articles, etc.).
  - Write meaning, part of speech, and use in a sentence.
- Write **5 idioms or proverbs**, their meanings, and how they can be used in daily conversations.

Creative Project (Optional but Recommended)

Create a Biographical Scrapbook/Poster of an Indian or international **English author or poet**. Include:

- Picture (drawing/printed)
- Brief biography
- Notable works
- A quote or poem by them
- Why you admire their work

You may decorate the scrapbook using colors, borders, or stickers.

Submission Guidelines

- All written work should be completed in your HW
- Art/poster activities should be done in HW .
- Use **headings and proper formatting**.
- Homework is to be **submitted on the first day after summer break**.

KENDRIYA VIDYALAYA GUNUPUR

SUBJECT: MATHEMATICS CLASS: VIII
SUMMER HOLIDAY HOME WORK SESSION: 2025-26
"Do the project work in A4 paper only"

🌞 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.

🎲 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.

🍕 4. Fraction Pizza Party Project

What to Do:

- Create a paper pizza and cut it into slices (1/2, 1/4, 1/6, etc.).
- Colour and label the fractional parts.
- Explain how different slices make a whole (e.g., 1/2 + 1/4 + 1/4 = 1).
- Optional: Do it with real food for fun!

📈 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.

केंद्रीय विद्यालय गुनुपुर

ग्रीष्मकालीन अवकाश गृहकार्य

कक्षा आठवीं

विषय-हिंदी

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1. पंद्रह सब्जियों के नाम लिखकर चित्र चिपकाइए ।

2. एक से पचास तक हिंदी गिनती का मानक रूप लिखिए।

3. ग्रीष्मकालीन अवकाश के दौरान अपने द्वारा घूमे गए किसी पर्यटन स्थल का सचित्र वर्णन कीजिए।

4. आप अपने मित्र के जन्मदिन पर उपस्थित नहीं हो सके अतः अपने मित्र को पत्र लिखिए।

5. 'आठवीं कक्षा में आपका पहला दिन' विषय पर दस वाक्य लिखिए |

Note. यह गृहकार्य A4 साइज पेपर पर कीजिए

MUSIC SUMMER VACATION HOMEWORK

Class 6-8

Week 1-2 (Day 1-10)

1. Research and write about the history of a specific music genre (e.g., classical, jazz, rock).
2. Analyze the lyrics of a song and identify its theme and message.
3. Practice singing a song with proper breathing and pitch control.

Week 3-4 (Day 11-20)

1. Learn to play a simple melody on a musical instrument (e.g., guitar, keyboard).
2. Create a playlist of your favorite songs and write a brief description of each song.
3. Experiment with music production software or apps (e.g., GarageBand, FL Studio).

Week 5-6 (Day 21-30)

1. Study the life and music of a famous musician or composer.
2. Compose a short piece of music using music notation software (e.g., MuseScore).
3. Attend a music concert or show (if possible) and write a review.

Week 7-8 (Day 31-40)

1. Learn about different types of musical instruments and their characteristics.
2. Create a music video or lyric video for a song.
3. Collaborate with family members or friends to create a musical project.

Week 9-10 (Day 41-50)

1. Reflect on what you've learned about music during the holidays.
2. Create a musical project that showcases your skills and interests.
3. Prepare for a music presentation or showcase for the class.

Submission

Please submit your assignments and projects on

https://drive.google.com/drive/folders/1x6ML1W1Uqel6bd3mNxIXXWb4PuJV0QAQ

Google drive link.

This week-wise plan helps students explore different aspects of music and develop their skills in a structured way.

KENDRIYA VIDYALAYA GUNUPUR

SESSION: 2025-26 SUMMER HOLIDAY HOMEWORK

CLASS – VIII SUBJECT - SANSKRIT

Complete CW/HW note book

निम्नलिखित बिन्दुओं कों संस्कृत गृहकार्य (HW) खाते में लिखीए और याद रखें ।

१. १ से १०० तक संख्या को संस्कृत अक्षर में लिखीए?

२. ५. निम्नलिखित शब्दरूप को संस्कृत में लिखीए -

(बालक , बालिका , कवि, भानु, नदी, फल, किम् ,

एतत् , सर्व तत्,अस्मद् ,युष्मद्)

३. निम्नलिखित धातु रुप कों संस्कृत में लिखीए-

(पठ् , भू , गम् ,अस् ,कृ,)

४.सेतु पाठ्यक्रम में स्थित अभ्यास कार्य को लिखें ।