



## **SUMMER VACATION HOLIDAY HOMEWORK**

**CLASS – VIII**

**( 2025-26)**

**Holiday Homework is an attempt to channelize the creative energy of the children . Doing it in the right- spirit with enthusiasm will make it a great learning experience .**

**Dear Parents,**

**Warm greetings . The time spent in school is always cherished with lots of fun filled activities ; making new friends and learning new things .We hope that our students also enjoyed themselves in school as much as we enjoyed having them with us . You might have noticed that they all loved to come to school . For the next one and a half month , you , their natural guardian will spend the vacations with them. Let's share some tips to make this period a fruitful and happy period for them.**

- **Have at least two meals together with your children. Teach them the importance and hard work of the farmers and ask them not to waste their food .**
  - **Let them wash their own plate after every meal . Children learn dignity of labour from such activities.**
  - **Allow them to help you in cooking. Let them make their own vegetable and fruit salad .**
  - **Encourage them to learn 5 new words in English and list them in a note book .**
  - **Visit 3 neighbours . Know more about them and build a rapport with them .**
  - **Visit the grandparents and let your children bond with them . Their love and emotional support is very important for your child . Click snaps with them.**
  - **Take them to your workspot and let your child understand that you work very hard to support the family.**
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- **Do not miss the local festival and local market.**
  - **Gently encourage your child to raise the kitchen garden by planting seeds . Knowledge about plants and trees are an integral part of your child growing up**
  - **Share stories about your childhood and your family history**

**Dear Students,**

**We know that when you think of summer , you always think of fun filled activities such as playing for longer hours , exploring new places , watching movies etc. Guess what ; this holiday homework lets you do all these things and more.**

**Studies are important for us to gain knowledge , and sports are important to keep active , healthy and various personality traits such as leadership , team spirit , responsibility and many more . With this thought in mind , this year , we teachers have designed your holiday homework to keep you actively and fruitfully engaged during Summer Break**

**Though we will miss you and your chatter and laughter definitely , we wish you a HAPPY AND HAPPENING SUMMER BREAK ! Enjoy and take care of yourself !**



### ***General Instructions***

- Don't bring Home Work on the first day of reopening of the school . The dates for bringing the home work will be intimated later .
- Use Eco Friendly material only for making the models .

## **SUBJECT : ENGLISH**

### **SUMMER HOLIDAY HOMEWORK**

#### **Based on PA I SYLLABUS**

#### **1. Literature Fun Pack**

##### **a. Mini Comic Strip**

**Create a comic strip of "The Best Christmas Present in the World" (6–8 panels). Illustrate or use cut-outs and add speech bubbles.**

#### **2. English Channel – Music Maestros**

##### **a. Poster Making**

**Design a poster on your favourite music maestro from India or abroad. Include:**

- **Picture (drawn or printed)**
- **Their contribution to music**
- **Your favourite piece of theirs**

#### **3. Grammar Lab**

##### **a. Parts of Speech Puzzle**

**Make your own Parts of Speech board game or crossword using vocabulary from the chapters ‘ THE BEST CHRISTMAS PRESENT IN THE WORLD AND THE ANT & THE CRICKET**

**b. Tag Me If You Can**

Make a flashcard set for Question Tags (one side = sentence, other side = correct tag). Play with friends or family!

**4. Vocabulary Builder**

**a. Synonym Tree**

Draw a tree and write 1–20 synonyms on leaves (use colour coding for different parts of speech: nouns, verbs, adjectives).

**5. Reading Comprehension Fun**

**a. Mystery Reader**

Choose a short mystery or adventure story. After reading, make a 5-question quiz about it for your friends or family to solve!

**6. Complete all the provided revision worksheets . (Literature Q Bank to be done in LITERATURE NOTEBOOK , READING COMPREHENSION and PARTS OF SPEECH Worksheets to be done in GRAMMAR NOTEBOOK .**

**7. Revise PAI Syllabus .**

**Submission Guidelines**

- Neat presentation (can be handwritten or digital).
- Creative designs and original thoughts are appreciated.

Activity 1, 2 and 5 to be done in LITERATURE NOTEBOOK

Activity 4 to be done in GRAMMAR NOTEBOOK

Board Game and Flash Cards to be submitted on 7<sup>th</sup> July 2025

**ग्रीष्मावकाश कार्य**

- 1— बदलते वातावरण से होने वाले कोई चार दुष्प्रभावों को चित्र सहित ए 4 शीट पर दर्शाइए और उनसे बचने का उपाय भी बताइए।
- 2— भारतीय संविधान द्वारा मान्यता प्राप्त भाषाओं की ए 4 शीट पर एक तालिका बनाइए।
- 3— अपनी मनपसंद कहानियाँ पढ़ें एवं किसी एक कहानी को चित्र एवं शिक्षा सहित ए 4 शीट पर दर्शाइए।
- 4— भारत के पाँच प्रसिद्ध पूजा स्थलों के चित्र सहित नाम व उनके विषय में एक स्कैप बुक में 5—5 वाक्य लिखिए।

## MATHEMATICS

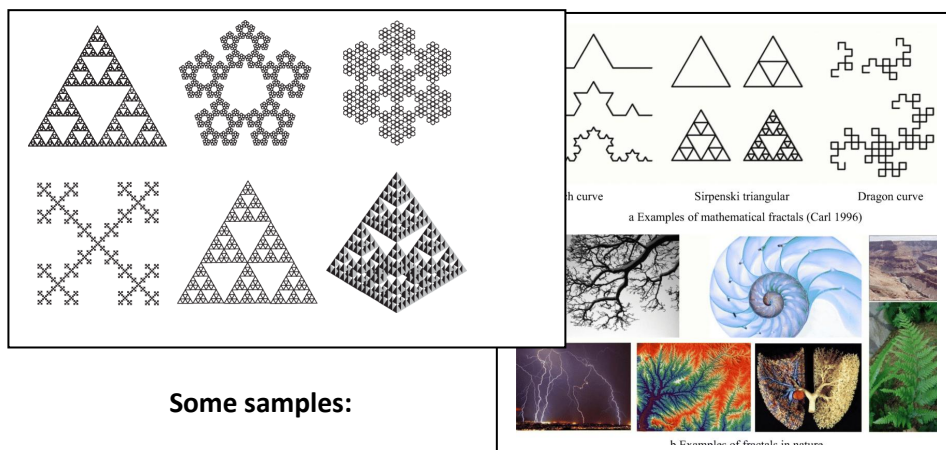
### 1. Shapes around us:

There are different types of shapes around us, some are two-dimensional and some are three-dimensional. Draw a quadrilateral tree, using different types of quadrilaterals and write their properties.

### 2. Mathematics Creativity:

Fractal geometry is a branch of mathematics that studies shapes and patterns that repeat at different scales, often exhibiting a self-similar structure.

Make any one model of your choice on coloured a sheet and beautify it with different colours.



1. Mandelbrot Set
2. Julia Set
3. Koch Snowflake
4. Sierpinski Triangle
5. Cantor Dust

### 3. Complete the clock:

- i)  $\frac{x}{2} - 4 = 2$
- ii)  $\frac{-5}{2} \times (-4)$
- iii) *Multiplicative Identity*
- iv)  $(2m - 1) - (m - 2) = 6$
- v)  $\frac{12}{4} \times 6 - 9$
- vi)  $-2(x - 3) = 4 - x$
- vii) *Simplified form of  $\frac{68}{17}$*
- viii) *Additive inverse of  $-3$*
- ix)  $\frac{1}{3} \div \frac{5}{12} + \frac{26}{5}$
- x)  $\frac{y}{2} + 4 = y$
- xi)  $\frac{21}{2} \times \frac{3}{7} - \left(\frac{-5}{2}\right)$
- xii)  $3(m - 2) = 27$



## SCIENCE

Lack of access to energy supplies and transformation systems is a constraint to human and economic development. The environment provides a series of renewable and non-renewable energy sources i.e. solar, wind, hydropower, geothermal, biofuels, natural gas, coal, petroleum, uranium etc

Ensuring universal access to affordable electricity by 2030 means investing in clean energy sources such as solar, wind and thermal. Adopting cost-effective standards for a wider range of technologies could also reduce the global electricity consumption.

Top 5 most used Renewable Energy sources that are being used globally are :Solar, Wind, Biomass, Geothermal and Hydroelectric. Countries which use most Renewable Energy Globally :

- Iceland
- Sweden
- Costa Rica
- United Kingdom

Clean energy is the need of today's world as we are in an era, where different types of pollution are being caused due to the burning of fossil fuels. Not only are these fuels exhaustible, but they are also a prime cause of health hazard for the people across the world.

With reference to the given pre content you are encouraged to explore and research about alternative sources of energy and perform the following activities with zeal and enthusiasm during your summer

Vacations ACC TO ROLL NO Happy learning!

Video links for reference:

[https://www.youtube.com/watch?v=fyqDC\\_AKVgE](https://www.youtube.com/watch?v=fyqDC_AKVgE)

<https://youtu.be/5xyueW3pk0Q>

<https://youtu.be/eGAtNiWgAmA>

<https://www.forbes.com/sites/forbestechcouncil/2021/11/30/how-artificial-intelligence-and-machine-learning-are-transforming-the-future-of-renewable-energy/?sh=7fda93e8541b>

Last date of submission : 5th July, 2023

ROLL NO 1 TO 10

Activity 1: Create a Vlog to spread awareness among the people and wake them up to bring a remarkable difference in the climatic conditions by adopting some ways to use affordable and clean energy. The link of the Vlog has to be shared and a PPT is to be prepared by including the steps to be adopted along with the pictures of the video and the key highlights.

Methodology: A Vlog (duration 1 minute) and an explanatory PPT to be prepared and submitted in

the GCR (code will be shared in the respective class groups).

Rubrics for Assessment:- Project will assessed on Content, Presentation and Timely submission.

ROLL NO 11 TO 20

Activity 2: Renewable Energy sources consumption by the top 5 countries mentioned above.

Methodology: Using a graph sheet draw and show the Renewable Energy Sources consumption by the top 5 countries mentioned in the preface.

Rubrics for Assessment:- Project will assessed on Content /Presentation, Data and Timely submission.

ROLL NO 21 TO 30

Activity 3: Let's Explore India -Conduct research on any one innovative renewable energy solutions adopted.

Methodology: Research to be presented on A4 size handmade scrapbook, as sustainability is important. It can be typed or handwritten, with pictures consisting of not more than 5 pages.

Rubrics for Assessment:- Project will assessed on Content and Presentation, and Timely submission.

ROLL NO 31 TO 40

Activity 4: Identify the role of Artificial Intelligence in achieving clean energy.

Methodology:

- Make a multimedia presentation based on your research. The presentation may include visual aids (photos, videos, GIFs, audio etc.) to enhance creativity.

Rubrics for Assessment:- Project will assessed on Content/Relevance

## **SOCIAL SCIENCE**

### **HISTORY:**

#### **TOPIC 1: THE MAKING OF NATIONAL MOVEMENT**

Students to make attractive poster and mention the caption with the details of the following events as per their allotted Roll Number:

1. ARRIVAL OF GANDHIJI IN INDIA (1915) AND HIS EARLY WORK- ROLL NO. 1 TO 3
2. CHAMPARAN MOVEMENT (1917), KHEDA MOVEMENT (1917), AHMEDABAD COTTON MILL WORKERS (1918)- ROLL NO. 4 TO 6
3. JALLIANWALA BAGH MASSACRE (13 APRIL 1919)- ROLL NO. 7 TO 9

4. ROWLATT ACT (1919)- ROLL NO. 10 TO 12
5. NON-COOPERATION MOVEMENT (1920)- ROLL NO. 13 TO 15
6. CHAURI CHAURA INCIDENT (1922)- ROLL NO. 16 TO 18
7. PURNA SWARAJ (1929)- ROLL NO. 19 TO 21
8. CIVIL DISOBEDIENCE MOVEMENT (1930)- ROLL NO. 22 TO 24
9. QUIT INDIA MOVEMENT (1942)- ROLL NO. 25 TO 27
10. DIRECT ACTION DAY (1945)- ROLL NO. 28 TO 30
11. PARTITION OF INDIA- EVENTS AND ITS CONSEQUENCES- ROLL NO. 31 TO 33
12. INDIA BECOMES A FREE NATION (15 AUGUST 1947)- ROLL NO. 34 TO LAST ROLL NUMBER

**NOTE: - THE POSTER TO BE MADE ON A 3 SHEETS AND THE DETAILS OF THE EVENTS TO BE WRITTEN ON A 4 SHEET.**

#### **TOPIC 2: RULING THE COUNTRYSIDE (RESEARCH BASED)**

Students to do the research and find out the details with the pictures of the following Revenue Collection System under the British East India Company and the Crown:

1. ZAMINDARI SYSTEM (PERMANENT SETTLEMENT)- ROLL NO. 1 TO 12
2. RYOTWARI SYSTEM/MUNRO SYSTEM- ROLL NO. 13 TO 24
3. MAHALWARI SYSTEM- ROLL NO. 25 TO LAST ROLL NUMBER

**NOTE: - THE PROJECT TO BE DONE IN SCRAP BOOK.**

#### **GEOGRAPHY:**

**Collect the following information along with the pictures on the following topics (all the students are required to do):**

#### **TOPIC 3: LAND, WATER AND AIR POLLUTION**

LAND POLLUTION- CAUSES AND MEASURES TO CONTROL

WATER POLLUTION- CAUSES AND MEASURES TO CONTROL

AIR POLLUTION- CAUSES AND MEASURES TO CONTROL

**NOTE: - THE PROJECT TO BE DONE IN SCRAP BOOK.**

## ग्रीष्मावकाश गृहकार्य सत्र 2025-26

विषय संस्कृत – कक्षा अष्टम्

- 1— घर में प्रयोग होने वाली किन्ही दस वस्तुओं के चित्र लगाकर उनके नाम संस्कृत में लिखिए। यह कार्य संस्कृत पुस्तिका में कीजिए।
- 2— किन्ही दस भोज्य पदार्थ (खाद्य पदार्थों) के नाम संस्कृत में लिखकर उसका चित्र भी लगाए। यह कार्य संस्कृत पुस्तिका में कीजिए।
- 3— कोई भी एक कहानी अथवा संस्कृत के किसी भी एक कवि/लेखक का परिचय संस्कृत में लगभग 100 शब्दों में लिखिए। (ए 4 शीट पर) लिखिए।
- 4— संस्कृत के कवि माघ, भाष, कालीदास अथवा भर्तृहरि द्वारा रचित कोई दो श्लोक लिखकर याद कीजिए (ए 4 रंगीन शीट में) अवकाश के उपरान्त कक्षा में सुना जाएगा।
- 5— श्री राम मंदिर अथवा महाकुंभ में से किसी एक का चित्र लगाकर लगभग दस संस्कृत वाक्यों में उसका वर्णन कीजिए।

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- 6 — व्याकरण की पुस्तक में दिए गए चित्रवर्णन में से कोई दो चित्रवर्णन पूर्ण कीजिए। (पुस्तिका में) अर्थात् कोई दो चित्र लगाकर प्रत्येक चित्र पर संस्कृत में पांच वाक्य लिखिए।