



Einstein

PUBLIC SCHOOL

Nurturing a better tomorrow

SUMMER VACATION HOLIDAY HOMEWORK- 2025

CLASS-VIII

ENGLISH

Note: Interact in English with parents siblings and friends on regular basis.

Q.1 Create a memory book of the best moments of the summer break. Write few lines about the memories. Decorate your memory book with a colourful cover.

Q.2 Prepare a dictionary having minimum 5 words of each alphabet with meaning to enhance the vocabulary. Cover it with beautiful cover and put a bookmark in it with a moral value written on bookmark.

Q.3 Teamwork is the obvious ability that is required to translate any vision into reality. Make a beautiful model to illustrate it.

Q.4 Draw a colourful poster for a rally to promote peace in our country. Paste pictures or make colourful drawing to highlight your message.

Q.5 would you like to be Cordilia? Why/ why not?

HINDI

१-बाजार में बिकने वाली किन्हीं चार हस्त निर्मित वस्तुओं के बारे में २०-२० शब्दों में लिखिए।

२- एक यात्री बस कैसी होनी चाहिए और उसमें क्या-क्या सुविधाएं होनी चाहिए?

३- वर्णों के उच्चारण स्थान का रंगीन चित्र बनाइए।

४-आपके विद्यालय में कौन कौन सी भाषाएं पढ़ाई जाती हैं? उनका परिचय २०-२० शब्दों में लिखिए।

५- ऐसे १० शब्द लिखिए जिनमें उपसर्ग -प्रत्यय का एक साथ प्रयोग हुआ हो।

६- संधि सारिणी बनाइए।

संधि सारिणी _____

स्वर संधि _____

दीर्घ संधि। गुण संधि। यण संधि। वृद्धि संधि अयादि संधि (सभी के २-२ उदाहरण)

व्यंजन संधि (पांच उदाहरण)

विसर्ग संधि (पांच उदाहरण)

MATHEMATICS

Week 1: Rational Numbers

- 1: Define rational numbers. List 10 rational numbers between 2 and 3.
- 2: Express the following as rational numbers:
 - a) $-3/4 \times 8/5$
 - b) $2/3 \div (-4/7)$
- 3: Represent rational numbers on a number line. Try with: $-2/5$, $3/4$, -1 .
- 4: Verify the properties: closure, commutativity, associativity on $2/5$, $3/7$.
- 5: Simplify and compare: $-5/6 + 3/4$ and $1/2 - 3/8$.

Week 2: Exponents and Powers

6. Laws of exponents (write and explain with examples).
- 7: Simplify:
 - a) $2^3 \times 2^4$
 - b) $(3^2)^3$
 - c) 5^0
- 8: Express in standard form: 320000000, 0.0000045.
- 9: Solve using exponents:
 - a) $3^{-2} \times 3^5$
 - b) $10^{-3} \div 10^2$
- 10: Word problems on exponents (2 problems).
- 11: Express these numbers in expanded form using exponents: 512, 729.

Week 3: Squares, Square Roots

- 12: Write squares of numbers 1–25.

13: Check whether 784, 625, 961 are perfect squares.

14 Find square roots by prime factorization: 144, 196.

15: Estimate square roots of 50, 90.

16: Solve:

a) $\sqrt{81} + \sqrt{49}$

b) Find the number whose square is 3249

SOCIAL STUDIES

(History)

Write the correct answers of the given questions

1 .Write any 10 Governor Generals of India , their terms of office and notable events related to them.

2. Define History.

3. Who created the first map of India?

4. Why did James Mill divide his book 'The History of British India' into Hindu, Muslim and British periods?

5. Write a short note on the National Archives of India.

6. Why is it important to have dates or time frames while writing History?

Choose the correct answer:

1. According to the western philosophy ____period was associated with the growth of – science, reason democracy, liberty.

a. Modern b. Medieval c. Colonial

2. ____ saw preparation of maps as essential to the process of domination.

a. James Rennel b. James Mill

3. ____ divided Indian history into –Hindu, Muslim and British

a. James Rennel b .James Mill

4. A person who is specialized in the art of beautiful writing

a. Cartographer

b. Calligraphist c. Artist

5. Practice of surveying became common under the _____ administration.

a. Mughal b. Sultanate c. British

6. The official records tell us about what the _____ were interested in.

a. government

b. common people

Project Work

Make a project on any four Indian social reformers, highlighting their life, achievements and contribution towards bringing about a change in the society.

(Civics)

A) Write down the fundamental duties of citizens of India.

B) Write down the following information about the government of India

1. Speaker of the Lok Sabha

2. Chairman of Rajya Sabha

3. Leader of ruling party

4. Leader of opposition

(C) Write a brief note on the making of the Indian Constitution.

(D) What do you mean by the legislature, the executive and the judiciary?

(E) Prepare a list of Lok Sabha speaker till 2025.

Project Work

Designing Preamble – Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India'

(Geography)

1) Write answers of the following questions

2) What is conservation?

3) What is resource? Discuss the classification of resources.

4) Explain the significance of time and technology in making a substance a resource.

5) Short notes on : renewable resources, non renewable resources , calligraphist, separation of power, federalism

6) List five human-made resources that you can observe around you.

(Project Work)

Make a project on any three non-conventional resources/ renewable sources of energy like solar energy, wind energy, tidal energy, nuclear energy, geothermal energy etc. (Around 200 words each). Mention about their features, importance in present day world, disadvantages if any etc. Paste relevant pictures for each

Or

Make a model on the theme of 'Best out of waste' with the resources available at home and write a Report on it describing which of the following conservation principles you used:

- (a) Reuse
- (b) Recycle
- (c) Reduce etc.

SCIENCE

Power Point Presentation – (Do any one)

- Make a presentation on Green Revolution and White Revolution in India

Or

Different types of endocrine glands in our body and their functions.

- Make a brief presentation on these scientists:

Edward Jenner , Alexander Fleming , Robert Koch , Louis Pasteur, etc. Use their pictures and write about their work.

Scrapbook /Chart Paper activity- (Do any one)

- Prepare a scrapbook by pasting different kinds of glands and also write about them .
- Paste the pictures of different types of natural disasters and write few lines about them. Or Make a well labelled diagram of them.
- Prepare chart paper – Different types of microbes

- Prepare a chart paper on Braille Script.

Poster / Report /(Create)Making -(Do any one)

- Prepare a colourful poster on 'Say NO to PLASTICS'.
- Collect newspaper cuttings and information in magazines about HIV / AIDS. Write a report on it.
- Make poster on Stop Female Foeticide or Beti Bachao Beti Padhao

OR

Create 10 to 12 lines poem on 'Save a Girl Child' Or 'Save Tree' on a chart paper.

- Write a report on biography of Helen Keller.

Plantation Activity/Environmental Activity-

- Plant at least one sapling (small plant) in your locality and take care of it . Also take picture with your plant .
- Motivate people and write slogans related to ' Don't Use Plastics'.

Model making – (Do any one)

- Make a well labelled model of an electrolytic cell.
- Make 3-D model of Kaleidoscope, Seismograph, periscope.
- Make 3-D model of Human Eye or Human Ear

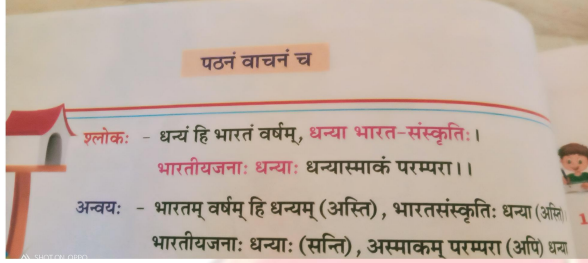
COMPUTER

1. Make a project related to database representing of class students and their report card in your project file.
2. Draw all figure of computer network (LAN, MAN and WAN) fill with colour in chart paper.
3. Learn and write all question answer chapter first and second.
4. Read chapter 3rd 4th 5th and fill with exercise.

संस्कृत

1- अपना परिचय संस्कृत भाषा में अधिकतम दस पंक्तियों में।

2- अधोलिखित श्लोक हिंदी अर्थ लिखतु -



3- निम्नलिखित प्रश्नों के उत्तर पूर्ण वाक्य में लिखिए व याद करें।

भारत भूमिः केषां जननी अस्ति ?

पुरा किं नाम राजा आसीत् ?

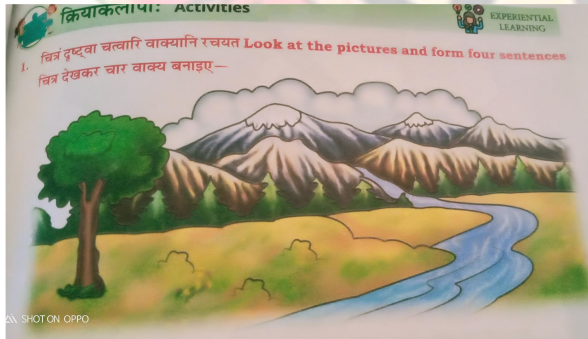
नृपस्य नाम किं आसीत् ?

वने कीदृशाः जीवाः वसन्ति ?

4- निम्नलिखित शब्दों का हिंदी अर्थ लिखिए व याद करें।

कुक्कुटः, वार्ता, भीतः, इदानीम्, धावतः बहवः

5- क्रिया कलाप चार्ट पर चित्र बना कर वाक्य लिखें



6- बालक, व फल का शब्द रूप सभी विभक्ति एवं वचनों में लिखिए व याद करें।

7- धातु किसे कहते हैं? लिख् धातु लट् लकार का रूप तीनों पुरुष व वचन में लिखिए व याद करिए।

8- निम्नलिखित वाक्यों को लृट् लकार में बदलें -

अधोलिखित-वाक्यानि लृट्-लकारे परिवर्तयत Chang
future tense वाक्यों को लृट्-लकार में बदलकर लिखें

- (क) सः लेखं लिखति ।
- (ख) सुग्रीवः कुक्कुरम् पश्यति ।
- (ग) न कोऽपि कमपि हन्ति ।
- (घ) ते मिलित्वा वसन्ति ।
- (ङ) अहं गृहे मिलामि ।

