



D.A.V. PUBLIC SCHOOL

MANPUR, KAIYA, GAYA

Summer Vacation Homework 2022-23

Class: VIII

MATHEMATICS :-

DO BRAIN TEASERS,
HOTS, ENRICHMENT QUESTIONS
AS ARE GIVEN BELOW:-

- i) SQUARES AND SQUARE ROOTS
- ii) CUBES AND CUBE ROOTS
- iii) EXPONENTS AND RADICALS

PROJECT WORK:-

WRITE BIOGRAPHY OF AN INDIAN MATHEMATICIAN AND MENTION HIS/HER CONTRIBUTION IN THE FIELD OF MATHEMATICS.

ART INTEGRATION ACTIVITIES:-

EXPLORE TRIANGULAR NUMBERS USING DOT PATTERNS.

HINDI:-

ग्रीष्मावकाश गृह-कार्य:-

कक्षा-आठवीं, विषयहिन्दी

(ज्ञान सागर तथा अभ्यास सागर)

०१. 'हम पंछी उन्मुक्त गगन के' तथा ०२. 'असल धन' पाठ के प्रश्नोत्तर याद करेंगे।

(व्याकरण तथा रचनात्मक कार्य)

* तत्सम तथा तद्भव शब्द में सोदाहरण अंतर लिखकर याद करेंगे।

** अनुप्रास, यमक, श्लेष, उत्प्रेक्षा तथा उपमा अलंकार की सोदाहरण परिभाषा याद करेंगे।

*** भाषण प्रतियोगितामें प्रथम स्थान प्राप्त करने पर अपने मित्रअपनी सहेली को बधाई पत्र लिखेंगे।

**** 'ग्रीष्म ऋतु' पर अनुच्छेद लिखेंगे।

□ परियोजना-कार्य:-

विरामचिह्नएवं उनके नाम सुंदर अक्षरों में चार्ट पेपर पर लिखेंगे।

SANSKRIT:-

कक्षा-8 विषयसंस्कृतम्

सुरभिः' वसुधैव कुटुम्बकम्' पाठ के सभी प्रश्नोत्तरों को लिखें एवं याद करें।

व्याकरण-(2)-संधिदीर्घसंधि गुणसंधि वृद्धिसंधि एवं यण् संधि से दस-दस उदाहरणों का संधि संधिविच्छेदकरके अभिज्ञानपुस्तिका(H.W.) में लिखें।

(3)-शब्दरूप-राम, लता, फल, मति, नदी, अस्मद्, युष्मद्, किम् एवं तत्(तीनों लिंग) में लिखकर लिखकरयाद करें।

(4)-धातुरूप- भू, गम्, दृश्, स्था, स्मृ, पठ, अस् धातु के पाँचों लकार एवं सेव धातु के लट् लङ् एवं लृट् लकारों में रूप सभी पुरुषों एवं वचनों में लिखकरयाद करें।

(5)-1-50 तक संख्यावाची शब्दों को संस्कृत में लिखें।

(6)- कारक-उभयतः, परितः, विना प्रति, अलम् एवं सह अव्यय का प्रयोग वाक्यों में करें।

(7)-प्रत्यय-क्त्वा, ल्यप एवं तुमुन् प्रत्ययों के प्रकृति-प्रत्ययों को संयोज्य-विच्छेदकरके दस-दस वाक्यों में प्रयोग करें।

परियोजना-कार्य- (1)-सुवचनानि 'पाठ के सभी श्लोकों का सस्वर विडियोजनाएँ।

(2)-'वसुधैव कुटुम्बकम्' पाठ को सचित्रचार्टपेपर पर स्पष्ट करें।

□ ENGLISH:-

Literature

01.Learn the question/Answer of Three Questions

02. Draw the image of Grandmother and the boy narrator and write 10 sentences about them on one A4-chart paper.

Practice Book

03. Complete or Revise the chapter 01, Tense

04. Show the function of "Simple Present Tense, Present/Past Continuous Tense and, Present/Past Perfect Tense " with examples in your grammar notebook.

Reader

05. Thoroughly complete the Chapter 01 of Reader and submit the book for correction after summer vacation.

Project

06. Draw the image of Rudyard Kipling and write his Biography in 80 words. Mention the other works of Kipling.

SCIENCE :-

CHEMISTRY

- 1. Write and learn definitions of chapter-Metals and non- metals.**
- 2. Write and learn questions answer of chapter- Metals and non metals.**
- 3. Project work --- Prepare reactivity or activity series of metals on a chart paper.**

PHYSICS

- 1. Distinguish between contact and non contact force.**
- 2. What are the effect of a force.**
- 3. Define following terms--**
(a) Muscular force (b) Frictional force (c) Electric force
(d) Gravitational force (e) magnetic force

4. Project work---- Draw a picture of different situations on a chart paper-

(a) A car being pushed a man

(b) Two friends pushing a heavy load--

(i) In the same direction

(ii) In opposite direction

BIOLOGY

1. Write all the question answer of chapter - Cell.

2. Explain through activity-- Show a plant cell in onion peel.

3. Write functions of the following--

Nucleus, mitochondria , plastid, vacuoles, ribosome, ER, Golgi complex.

4. Distinguish between plant and animal cell with proper diagram in a chart paper.

5. Draw a labelled diagram of amoeba, paramecium, nerve cell

SOCIAL SCIENCE :-

GEOGRAPHY

ASSIGNMENT

1. Why are resources distributed unequally over the earth?

2. What is resource conservation?

3. Why are human resources important?

4. Locate and Label the Indian states along with their capital on the political map of India.

5. Locate and label the continents and Oceans on an outline map of World.

Web Chart

Prepare a web chart showing different types of resources with categories and subcategories of resources like

Natural

Human-made

HISTORY

Which are the different sources of Modern India? Write in brief.

CIVICS

1. What is Preamble?

2. Define Constitution. What are the Features Indian Constitution?

3. Define Integrated Judicial System.

4. write Preamble on the Chart paper.

● Computer Class- VIII

i. Write the notes of the following topics :-

Network, Communication, Client – server Network, Peer to Peer Network, Nic, Modem, Router, Switch, Types of cables with their advantages and disadvantages, Bluetooth, Infrared waves, Radio waves, Wi-fi, Wi-max, Types of network.

ii. Make a picture of computer network on a chart paper.

HAPPY HOLIDAY