

Summer vacation holiday homework - 2024

Modern school, Vaishali

1.

1. English :- 1. Prepare a questionnaire and interview any journalist/ teacher/parents on 'Importance of English in this modern world'.

2. Book Review :- Following are some renowned authors -

A) Ruskin Bond B) R.K Narayan C) Anita Desai [Read a book any of these authors; design a book cover and book Review.]

3. Prepare one creative teaching learning material on the topic of adjectives. [This may include- chart, model, flash cards or flowchart]

4. Write down two recipes of your favourite dish or dessert in English.

2. हिंदी :- 1) आप गर्मियों की छुट्टियों में कहीं घूमने गए वहां के मेले या बाजार में आपके मन में किसी चीज को बनाने की कला सीखने की इच्छा हुई हो तो उसकी विधि डायरी लेखन के प्रारूप में लिखिए।

2) आजादी के बाद के देशभक्त कौन हैं? ऐसे कुछ देशभक्तों की सूची बनाइए जिन्होंने विभिन्न क्षेत्रों में अपना देश प्रेम सिद्ध किया है। (संकेत- देश की जरूरत को समझने वाले मेहनती लोग, अपने ऊंचे पद का दुरुपयोग करके विरोध का सामना करते हुए भी देश के हित के लिए काम करने वाले, बिना पद पर रहते हुए भी समाज और देश के लिए काम करने वाले)

3) वर्तमान में चल रहे आईपीएल टूर्नामेंट में आपकी मनपसंद टीम कौन सी है और क्यों? अपने मनपसंद खिलाड़ी से काल्पनिक साक्षात्कार संक्षेप में लिखें।

3. MATHS :- 1. Collect the information of the life history and

contribution/innovation of the following Indian mathematician on A3 size sheet with their proper picture. (1) Srinivasan Ramanujan (ii) Aryabhatta *

* ART INTEGRATION WORK - (1) Make a mathematical newspaper write in it application of maths in daily life with pictures also add in the newspaper various puzzles, games, logos and symbols. Give it a interesting caption

* SUBJECT ENRICHMENT ACTIVITY * *

* CHAPTER 1 RATIONAL NUMBER :- 1. Find the reciprocal of $\frac{3}{5} \times \frac{4}{7}$ 2. Find the value of $-\frac{3}{2} \div \frac{2}{3}$ 3. verify $\frac{2}{3} + \frac{3}{5} = \frac{3}{5} + \frac{2}{3}$ 4. find the sum of - $\frac{10}{3}$ and $-\frac{2}{15}$ 5. what number should be subtracted from $-\frac{1}{8}$ to get $\frac{11}{72}$

* CHAPTER 2- EXPONENTS AND POWERS 6. Solve $(2^0 + 3^{-1}) \times 3^2$ 7. Solve $\{ (\frac{1}{3})^{-3} - (\frac{1}{2})^{-3} \div (\frac{1}{4})^{-3} \}$ 8. Express 1.682×10^8 in the expanded form

9. If $x = (5/2)^2 \times (2/5)^{-3}$, find the value of x^{-2} 10. Find k if $(-2)^{k+1} \times (-2)^{-3} = (-2)^7$ *

* NOTE : SUBJECT ENRICHMENT ACTIVITY SHOULD BE DONE IN ASSIGNMENT NOTEBOOK

4. SCIENCE :- 1 Make a flow chart on chart paper on the topic- Steps involved in crop production describing the methods and tools used in the steps

2. Write 10 activities that we perform in daily life and paste pictures of those activities. Write the type of Force/pressure used in those activities.

3. Prepare a crossword puzzle on A4 sheet with 20 scientific terms associated with the following chapters- Production and Management of Crops, Combustion of Fuels, Force and Pressure.

4. Design your own Electroscope Things you will need:-

(a) plastic or glass jar or cup that is transparent. (b) Aluminium foil small pieces. (c) 1 paper clip. (d) cardboard piece small one. (e) scissors (f) insulative tape or any tap 5. Revise and learn lesson-1, 3 & 6

5. S.STUDIES :- 1. Develop a Sustainable solution for a local community issue. Search problems like waste management, access to clean water, renewable energy sources, and then come up with innovative ideas to address them.

2. Write in A4 colourful sheet and paste photographs Make a poster on "Gender Equality and Women's Rights: Constitutional Provisions and Challenges".

3. Create a historical timeline model of Modern Indian History

6. SANSKRIT :- 1.) सुभाषितानि कंठस्थीकरणम् ।

2.) धातुरूपाणि :- स्था धातोः (पञ्च लकारेषु) लिखत ।

3.) १. संधि विच्छेद कुरुत :- भानूदय , विदार्थी , विद्यालय , नदीश , कदापि ।

२. संधि कुरुत :- (क) पुस्तक + आलय (ख) मुनि + ईश (ग) धर्म + अर्थ

(घ) महि + इंद्र (ङ) पीत + अम्बर

प्रश्न 4.) अस्माकं विद्यालय (पञ्च वाक्यानि)

प्रश्न 5.) अस्मद् , युस्मद् इत्यस्य शब्दरूपम् लिखत ।

प्रश्न 6.) संस्कृतेन अनुवादं कुरुत ।

‘एक जंगल में एक लोमड़ी और एक बकरी रहती थी। वे मित्र थे। एक सुबह लोमड़ी ने बकरी से कहा, "मित्र! तुम कल मेरे साथ भोजन करना।" लोमड़ी के निमंत्रण से बकरी बहुत खुश हुई’

प्रश्न 7.) रचनात्मक कार्य :- प्रदूषणम् प्रभावितम् को अपि एक चित्रं एवं पञ्च वाक्यानि ।

7. COMPUTER :- 1. Make a model about types of computer networks.

Subject Enrichment Activity :- Following question to be done in A4 sheet of white color.

Q1. Explain any 5 Protocols used in networking.

Q2. Explain any four disadvantages of networking

8. G.K :- 1. Creative a scrapbook about the father of Indian mathematics - Aryabhatta

2. Collect top news headlines from the newspaper for 10 days & paste them in scrapbook.

3. Collect the pictures of famous forts of India and prepare one presentation on your favourite fort.

4. Survey on use of plastic- a) Select a locality b) Prepare a questionnaire on use of plastic c) Analyse the data

5. Write a detailed description on 2024 Indian elections. Make a chart of total no of national political parties in India.

9. Art and craft :- Make a "lippan Art on cake plate" by using shilpkar, mirror work etc and use your creativity to make it beautiful.