



KENDRIYA VIDYALAYA NHPC GERUKAMUKH



Summer Vacation Homework

(Date – 09/05/2022 to 17/06/2022)

CLASS – VIII

SOCIAL STUDIES

1. What is a resource? Explain its types.
2. Define these words
 - A. Patent
 - B. Technology
 - C. Stock of Resource
 - D. Sustainable Development
3. Suggest any five points for save environment.
4. Write in your notebook the fundamental rights and duties given in the Indian Constitution.
5. What is the problem with the periodisation of Indian history that James Mill offers?
6. Make a picture on any Rajasthani topic on chart paper.

You can choose from these. (Like any Rajasthani animal, any fort, any dress, any culturally images etc.)

ENGLISH

Objectives:

- A. enhancing writing and thinking skills among the students
- B. inculcating observing capacity among the students.
- C. sensitizing them towards nature.
- D. developing the feeling of self-awareness.

1. To make someone's birthday special, what will you do? Describe in an interesting way.
2. Is there someone of your age in the family who is very talkative? Do you find her/him interesting and impressive or otherwise? Express your ideas in the form of idea as you usually mention in your personal diary.

3. Write a letter to your friend and talk about the problems that you are facing due to this unprecedented incident and mention also how are you keeping yourself fit and fine.
4. Make a list of some things in the nature which you have fascination for with their pictures. (Either draw or paste)
5. Record the reading of a poem of your own choice from the taught chapters and send me on the WhatsApp.

Note:

- A. Answers must be written in the notebook.
- B. No words limit for the answers.
- C. All the questions are compulsory.

SCIENCE

Q1) PROJECT WORK

Visit a farm, nursery or a garden nearby. Gather information about

- I) **Importance of seed selection**
- II) **Method of irrigation**
- III) **Effect of continuous rain on the plants**
- IV) **Fertilizers/ Manure used**

Q2) Collect pictures of some agricultural machines and paste them in a file. Write their name and uses.

Q3) Write a paragraph on the harmful effects of microorganisms.

Q4) Why antibiotics should not be overused. Prepare a short report.

Q5) Pull out a gram or bean plant from the field. Observe its roots. You will find round structures called root nodules on the roots. Draw a diagram of the root and show the root nodules.

Q6) Complete exercise – chapter 2

COMPUTER

1. Design a rough layout of floor plan of your dream smart home.
2. Write a letter to one's future self-keeping the future in context. They will describe how they want to see the changes in technologies and what technologies they want to see in the future.

ART

1. Scenery 2 (A3 size)
2. Craft work 1

3. Painting/Collage 1

सभी विद्यार्थियों को 23 जून 2022 को जमा करना अनिवार्य है।

MATHS

Activity :-

1. Representation of rational number on the number line by a practical activity.
2. To verify the properties of a parallelogram by activity.
3. To verify angle sum property of a quadrilateral by practical activity.

Creative and Critical Thinking Questions:-

Q.1. Smiling Home Modern Designer Rugs & Carpets Shaggy Long Pile Carpets Square (Orange, 118 sq feet)



Value –Rs 1,009
(Inclusive of all taxes)
MRP Rs1,499
Save Rs 490 (33%)

While shopping online, Ji Hun find a square rug with an area of 118 sqft . He needs to know if it will fit in his 13 ft by 16 ft bedroom.

- a. Estimate the side length of the rug.
- b. Will the rug fit in the bedroom?

Q.2. Students your class will go for a picnic, The picnic site is 60 km from the school and the transporting company is charging at the rate of ₹ 12 per km, The total cost of refreshment is ₹ 1520.

observe your class and find the answers of the given questions ?

1. How many students went to picnic?
2. What is the cost of refreshment per head for picnic?
3. How much amount is spent as transporting charges for picnic?

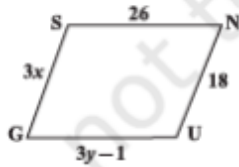
Q.3. Students observer a cricket match. On the behalf of the match answer the given question.

1. Which player has the highest batting average?
2. Which player has the lowest batting average?
3. Diffrence between highest and lowest runs scored by players ?
4. Find the diffrence between highest wickets and lowest wickets taken by bowler.

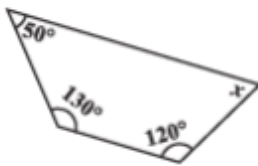
SECTION-A

1. Find four rational numbers between $\frac{3}{5}$ and $\frac{3}{4}$
2. Write four rational numbers greater than -2.

3. Solve: $\frac{2x}{3} + 1 = \frac{7x}{15} + 3$
4. Solve: $3(t - 3) = 5(2t + 1)$
5. What can you say about the angle sum of a convex polygon with number of sides?
(a) 7 (b) 8
6. The following figure GUNS is a parallelogram. Find x and y



7. How many sides does a regular polygon have if the measure of an exterior angle is 24° ?
8. Find the measure of each exterior angle of a regular polygon of 9 sides.
9. Find the angle measure x in the following figure.



10. Simplify and solve the following linear equation
 $15(y - 4) - 2(y - 9) + 5(y + 6) = 0$.
11. Solve: $\frac{n}{2} - \frac{3n}{4} + \frac{5n}{6} = 21$
12. Verify that $-(-x) = x$ for $x = \frac{11}{15}$

SECTION-B

13. Using appropriate properties find $\frac{-2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$
14. Represent $\frac{-2}{11}, \frac{-5}{11}, \frac{-9}{11}$ on the number line.
15. If you subtract $\frac{1}{2}$ from a number and multiply the result by $\frac{1}{2}$, you get $\frac{1}{8}$. What is the number?
16. The ages of Rahul and Haroon are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?
17. The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?

संस्कृतम्

- (1) शब्दरूपाणि – सर्वनामः शब्दः -अस्मद्, युष्मद्, इदम्, यत्, राजन्, मात् (शब्द- रूप लिखना व याद करना है ।)
- (2) धतुरूपाणि – इष् (इच्छा करना) , खाद् , पठ् धातु -रूप(पाँचो लकारों में लिखना और याद करना है ।)
- (3) सङ्ख्यायावाची शब्दः एकः तःशतम् पर्यन्तम् ।
(परिशिष्टम् की सहायता से लिखना है ।)
- (4) प्रथमपाठस्य श्लोकान् स्मृत्वा लिखत।
(प्रथम पाठ के श्लोकों को याद करके लिखिए)
- (5) 'सुभाषितानि' और 'बिलस्य वाणी न कदापि मे श्रुता' के अभ्यासः' प्रश्नों के उत्तर लिखना है ।

हिंदी

- (1) कक्षा कार्य पूरा करें ।
- (2) शुल्क(फीस) माफ़ करने हेतु प्राचार्य को एक पत्र लिखिए ।
- (3) निम्नलिखित विषयों पर निबन्ध लिखिए – (अधिकतम 200 शब्दों में)
 - (i) कोरोना (कोविड 19) महामारी क्या है कैसे बचाव करें।
 - (ii) ऑनलाइन शिक्षा - फायदे और नुकसान
 - (iii) पर्यावरण संरक्षण
- (4) संज्ञा , सर्वनाम, और विशेषण किसे कहते हैं । उदाहरण सहित लिखिए ।
- (5) बीस (20) पर्यायवाची तथा बीस (20) विपरीतार्थक (विलोम) शब्दों की सूची बनाइए।
- (6) किसी यात्रा में जाते समय की तैयारी का वर्णन अपने शब्दों में लिखिए।
- (7) आपको छुट्टियों में किसके घर जाना अच्छा लगता है और क्यों ?
- (8) "मेरी प्यारी मां" विषय पर एक अनुच्छेद लिखिए।
- (9) 'ध्वनि' और 'लाख की चूड़ियाँ' पाठ के 'प्रश्न-अभ्यास' लिखना है ।

ENJOY YOUR HOLIDAYS

