



N. K. PUBLIC SCHOOL

ARYA NAGAR, MURLIPURA, JAIPUR

SUMMER HOLIDAY HOME WORK : 2023-24

CLASS : VIII

Hindi -

- निबंध लेखन
 - ❖ हिन्दी भाषा का महत्त्व
 - ❖ पर्यावरण प्रदूषण
 - ❖ विद्यार्थी जीवन में अनुशासन
 - ❖ दहेज समस्या
- प्रेमचंद की कोई भी एक कहानी पढ़ना। उस कहानी के किरदारों की विशेषता लिखना।
- निम्नलिखित विषयों पर नारा लिखिए—
 - ❖ हिन्दी हमारी शान है।
 - ❖ वोट देना हमारा अधिकार है।
 - ❖ वृक्षारोपण
- मॉडल / चार्ट
 - ❖ क्रिया
 - ❖ सांध्यनीड़

English-

- Make a bookmark and write a slogan.
- There are some people in our lives who do so many things for us but we have never thanked them. Make a thank you card for thanking them and write a lovely note.
- Read English newspaper everyday and note important headlines (if any) in your grammar notebook, along with date and day.
- Read /Weave a story and its review.
 - ❖ Main characters
 - ❖ Summary
 - ❖ Moral
- Learn these tongue twisters-
 - ❖ She sells seashells by the seashore
 - ❖ If a day chews shoes, whose shoes does he choose?
 - ❖ Can you can a can as a canner can can a can
 - ❖ We surely shall see the sun shine soon.
 - ❖ I saw susee sitting in a shoe shine shop
- Write stories (8, 9, 10, 11, 12) in your notebook.

Social Studies-

- Plant a tree, Make a video and send to me.
- Make a working model of
 - ❖ Globe
 - ❖ Any Fort/Place of Rajasthan
 - ❖ Solar System
 - ❖ Wind mill

Science-

- Make a project file on "Wildlife Sanctuary"
- Working Model
 - ❖ Drip irrigation
 - ❖ Solar power
 - ❖ Kaleidoscope
 - ❖ Chaff machine
 - ❖ Pin hole camera
 - ❖ Waste water treatment
 - ❖ Model of candle frame
 - ❖ Electric generator

Sanskrit-

- 10 तकनीकी उपकरणों की फोटो चिपकाते हुए उनके संस्कृत शब्द लिखिए।
- पाठ्यपुस्तक के 2 श्लोक कलात्मक रूप में लिखिए।
- शब्दरूप – कॉपी में लिखिए।
- भारत का रंगीन चित्र चिपकाते हुए यहाँ की संस्कृति की 5 विशेषताएं संस्कृत में लिखिए।

Mathematics-

- Solve the given worksheets based on Chapter-1, 2 and 3 in your maths notebook.

Worksheet-1 Rational numbers

Q.1 Simplify the following:

(i) $\left(\frac{-2}{9} \times \frac{27}{-16}\right) + \left(\frac{-1}{2} \times \frac{5}{3}\right)$

(ii) $\frac{-2}{7} \times \left(\frac{7}{16} - \frac{21}{4}\right)$

(iii) $\frac{-5}{9} + \left(\frac{-2}{5} + \frac{-11}{18}\right)$

(iv) $\frac{2}{7} + \left(\frac{-11}{5}\right) + \left(\frac{-3}{7}\right) + \frac{3}{5}$

Q.2 Find the additive inverse of the following:

(i) $\frac{3}{7}$

(ii) $\frac{-11}{9}$

(iii) $\frac{8}{-15}$

(iv) $\frac{-2}{-5}$

Q.3 Find the multiplicative inverse of the following:

(i) -7

(ii) $\frac{-15}{19}$

(iii) $\frac{-2}{5} \times \frac{-3}{8}$

(iv) $\frac{11}{13}$

Q.4 Name the property of multiplication used in each of the following:

(i) $\frac{-17}{11} \times 1 = 1 \times \frac{-17}{11}$

(ii) $\frac{9}{-13} \times \frac{-13}{9} = 1$

(iii) $\left(\frac{5}{6} \times \frac{-2}{3}\right) \times \frac{-7}{13} = \frac{5}{6} \times \left(\frac{-2}{3} \times \frac{-7}{13}\right)$

(iv) $\frac{-3}{4} \times \left(\frac{-5}{6} + \frac{3}{5}\right) = \frac{-3}{4} \times \frac{3}{5} + \frac{-3}{4} \times \frac{-5}{6}$

Worksheet-2 Linear Equations in One Variable

Q.1 Solve the following equations:

(i) $\frac{3x}{8} = 15$

(ii) $\frac{7x}{5} = x - 4$

(iii) $6x - 5 = 4x + 7$

(iv) $x + 1.5(x - 3) = 20.5$

(v) $\frac{5x}{4} - \frac{x-1}{2} = \frac{x-1}{3}$

(vi) $2 - 3(3x + 1) = 2(7 - 6x)$

(vii) $3q + 3 = -5$

(viii) $3x - 1 = 2x - \frac{2}{3}$

(ix) $0.3(6 + x) = 0.4(8 - x)$

(x) $12 - 5x = 4 - 21x$

Worksheet-3 Understanding Quadrilaterals

Q.1 Find the sum of all interior angles of the following regular polygons:

(i) Nonagon

(ii) Polygon of 11 sides

Q.2 Find the measure of each exterior angle of the following regular polygons:

(i) Hexagon

(ii) Octagon

(iii) Decagon

Q.3 How many sides does a regular polygon have if each of its interior angle measures the following?

(i) 108°

(ii) 150°

(iii) 160°

Q.4 Find the number of sides of a regular polygon whose each exterior angle is of the following measure:

(i) 36°

(ii) 40°

(iii) 72°

Q.5 Prove that the sum of four angles of quadrilateral is 360° .
