

NOIDA PUBLIC SR. SEC. SCHOOL, NOIDA

A-78, Sector-23, Noida-201301, G.B. Ngr. U.P

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NAME: _____

Section: _____

Grade: 8

Rippling crystal waters shine like silver to reflect summer's glow.
Soothing and calming in rhythm, echoing its lyrical flow.
Magical music of nature, a symphony of splendid delight.
Skies like blue oceans in paradise, birds soaring to grasp full flight.

Dear Parents,

“School stops for summer, learning never stops.”

Summer holiday homework is a way to keep your child connected to learning during this long break. It is an excellent opportunity to encourage children to work on their own and develop self holiday homework designed would not only help your as responsible individuals.

Few guidelines for your parents to make your long summer break fruitful.

1. **“Knowledge is Power”**. Therefore encourage your child to cultivate the reading habit because it not only enhances the knowledge acQuired but also develops the vocabulary, language skills and improves spellings. And also read to your child because it builds reading skills and increases his/her attention span.
2. Communication skills play a pivotal role in grooming the overall personality of the children. Converse with your child preferably in English to help him / her get comfortable with the language.
3. Spend Quality time with your child engaging him / her in activities based on enhancing his /her powers of observation and imagination.
4. Sensitize your child about the rich culture and heritage by watching different informative channels like ‘The National Geographic’, Animal Planet etc.

Wishing you all happy times together!!!



ENGLISH

Q.1 Read the following passage carefully and answer the following Qs:

At a time when the use of fossil fuels to power vehicles is making environmentalist angry, an alternative source of fuel – the biodiesel – has emerged as a useful solution. Additionally, its use solves a disposal problem. The fuel is nothing but used vegetable oil which has been tested satisfactorily. It has made a vehicle called the veggie van (a motor home) run more than 16,000 km across the United States. Also it has visited 20 major cities causing absolutely no harm to the environment. Vegetable oil from various restaurants in America was all that was used along the entire journey. The novel experiment was started as a college project by two students Joshna and Kaia. It eventually ended in a massive public awareness programme. The idea of using vegetable oil as fuel for a diesel engine first occurred to them when they visited a traditional farm in the picturesque Southern Germany where vehicle fuelled by vegetable oil were in use. While studying agricultural and living on these farms, they noticed that farmers were always filling tanks of a yellow liquid. “This fuel comes from the canola plants which grow on our farms and nearby areas. We put in the diesel and it smells good,” farmers said.”The process of converting vegetable oil into bio-diesel fuel is cheap and easy to find. Any vegetable oil, such as used cooking oil, methanol or clear alcohol can be used as fuel. The diesel engine which is being used, however, can run on altered vegetable oil or bio-diesel without any modification. Not only does bio-diesel require zero modifications to the engine, this fuel works either by itself or blended with petroleum diesel. Bio-diesel has since been recognised as an official alternative fuel in the US. Its use by the bus and truck fleet has soared by more than 1000 per cent.

- a. What makes the environmentalist angry?
- b. What is the alternative fuel suggested in the unseen passage?
- c. What is the Veggie Van?
- d. In which country, the idea of the alternative fuel originated?
- e. How the alternative fuel is made?
- f. What advantages does the alternative fuel has over the petroleum diesel?
- g. Write the theme of the passage?
- h. Write the tone of the author in the passage?

Q2 Write a descriptive paragraph on your visit to your grandmother's home?

Q3 Write synonyms and antonyms of the words given below

- a. Amplify
- b. Consequence
- c. Explicit
- d. Placid

Q4 Read a book by any one of the following authors and write its summary and make a flow chart of main characters

- a. Ruskin Bond
- b. Khushwant Singh
- c. Sudha Murty

HINDI

प्रश्न -1- पारंपरिक कलाओं को हम किस प्रकार सहेजकर रख सकते हैं? कारीगरों की दशा सुधारने की ओर क्या प्रयास हो सकते हैं? अनुच्छेद में अपने विचार प्रस्तुत करें।

प्रश्न -2- किन्हीं तीन एप्प का चित्र बना कर उनके लाभ हानि के विषय में लिखिए।

प्रश्न -3- वर्णों के उच्चारण की तालिका बनाइए।

MATHEMATICS

Q.1:- Arrange the following in ascending order $\frac{11}{20}, \frac{-2}{5}, \frac{-9}{5}, \frac{-7}{10}$

Q.2:- Simplify : $\frac{7}{5} + \frac{2}{15} + \frac{-11}{15} + \frac{4}{5} + \frac{-3}{20}$

Q.3:- The sum of two rational numbers is -15. If one of them is $\frac{-13}{5}$ find the other.

Q.4:- Find five rational numbers between $\frac{1}{3}$ and $\frac{2}{5}$.

Q.5:- The sum of three consecutive multiples of 8 is 888. Find the multiples?

Q.6:- Solve the following equation

$$2x - \frac{x}{6} = \frac{x}{4} + 15$$

Q.7:- The perimeter of a rectangular swimming pool is 188 m. Its length is 4 m more than twice its

breadth. What are the length and breadth of the pool?

Q.8:- There is a rectangular plot, reserved for the construction of a school. The length and breadth of the plot are in the ratio 7 : 8. At the rate of Rs.110 per metre, it costs Rs.66000 to fence the plot. What are the dimensions of the plot?

SCIENCE

Q1.What are the advantages of manure?

Q2.Write short note on the terms:Storage,Harvesting

Q3.What do you mean by the term crop? Explain briefly the types of crops.

Q4.What is ploughing or tilling? State its advantages.

Q5.What do you mean by weeding? Why the process of weeding necessary? Name the methods applied for weeding.

SOCIAL STUDIES

Q1 Prepare on ivory sheet about different types of resources with categories and sub categories of resources

Q2 Design a preamble for your school abiding to all the rights and duties of all the students in school.

Q3 Interview your mother or another member of your family to find out about their life into different periods and list out the significance events in each period. Explain the basis of your periodisation.(Make a project on this interview)

Q4 Make a modal on change in land use over time .

SANSKRIT

प्रश्न -1- मेट्रो स्टेशन का चित्र बना कर पांच वाक्य संस्कृत में लिखिए।

प्रश्न -2- सदाचार पर संस्कृत में दो श्लोक लिखिए।

प्रश्न -3- शरीर के दस अंगों के नाम संस्कृत में लिखकर उनके चित्र बनाइए।

प्रश्न- 4- 1-100 तक संख्या संस्कृत में लिखिए।

ART

Make a card for your father on occasion of father's day

COMPUTER

Q1. Difference between Internet and Intranet.

Q2. Explain types of topology with diagram.

Q3. Explain Network Architecture with diagram.

Q4. Explain Components of KRITA.

Q5. Explain the following:-

a) Polygonal Selection Tool

b) Freehand Selection Tool

c) SYLLABUS PT-1 (2023-24)

ENGLISH	HINDI	MATHS
Lesson Chapter-1 The Portrait of a Lady Somebody's Mother (Poem) Grammar: Chapter-1 Sentences Chapter-2 Nouns Writing: Notice Writing Comprehension	वसंत पाठ-1-लाख की चूड़ियाँ पाठ-2-बस की यात्रा व्याकरण पाठ-1-भाषा और व्याकरण पाठ-2-वर्ण विचार अपठित - गद्यांश, पद्यांश औपचारिक पत्र अनुच्छेद - नैतिक मूल्यों पर आधारित	Chapter 1 - Rational numbers Chapter-2 linear equations in one variable.

<p>SOCIAL STUDIES</p> <p>Geography Chapter-1 Resources</p> <p>History Chapter-1 How, When and Where</p> <p>Civics' Chapter-1 The Indian constitution</p>	<p>SCIENCE</p> <p>Chapter-1 (Crop production and management)</p> <p>Chapter-2 (Microorganism - friend and foe)</p>	<p>SANSKRIT</p> <p>रुचिरा</p> <p>पाठ-1- सुभाषितानि पाठ-2- बिलस्य वाणी न कदापि मे श्रुता पाठ- 3- डिजीभारतम्</p> <p>व्याकरण</p> <p>1- अपठित गद्यांशः 2- संवाद</p>
<p>COMPUTER</p> <p>Chapter 1- Computer Networking</p> <p>Chapter 2- Kirta-Image Editing</p>	<p>ARTS</p> <p>Poster on Save Earth Poster on G-20 Still Life Composition Perspective Drawing</p>	<p>GK</p> <p>Ch. 1 In the land of Secularism Ch. 2 Symbols of our Rich Heritage Ch. 3 On the Pilgrims Trail Ch. 4 Seven Sisters Ch. 5 Union Territories Ch.6 Governing Ourselves Ch.7 Rapid Fire -1 Ch.9 I.Q.Test 1 Ch. 10 Some Well- known Places</p>

PT-1 DATE SHEET

DAY/DATE	SUBJECT
7/7/23, FRIDAY	ENGLISH
8/7/23, SATURDAY	S.S.T
10/7/23, MONDAY	MATHS
12/7/23, WEDNESDAY	SCIENCE
13/7/23, THURSDAY	HINDI

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