

NOIDA PUBLIC SR. SEC. SCHOOL

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

Website: www.noidapublicschool.com;

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Name: _____

Grade: IX

Section: _____

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

Q1. Read the following passage carefully and answer the following questions:

- (1) Power foods are foods that provide rich levels of nutrients like fiber, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.
- (2) Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue, brain fog and tiredness. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions, chaat masala and cilantro.
- (3) Another favourite combination with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness. A quick and easy recipe with bananas is a banana smoothie topped with cool yoghurt.
- (4) Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have instead of are friends serve them rounds of iced green tea with mint and lemon juice.

- What are power foods ?
- What are the rules regarding the partaking of power foods ?
- What is the advantage of including onions and garlic in our diet ?
- Suggest a quick recipe with chickpea and onions.
- Why is yoghurt and bananas, an enriching power food ?
- Why is green tea a recommended power food ?
- What is the advantage of combining green tea with lemon juice ?
- What is the key to enjoying power foods in a wholesome way ?

Q2. What differences do you find in the present school and the school described in the chapter 'The Fun they had'?

Q3. Prepare a table of Tenses along with their rules in the chart paper.

Q4. Suppose you are Parents of the child who had lost in fair. Write a complaint letter on behalf of them to police.

HINDI

Q1. प्रसिद्ध ग्रंथ रामायण के आधार पर चित्रों सहित एक कहानी लिखें।

Q2. भारत में आयोजित G - 20 सम्मेलन का प्रतीक चिन्ह बनाकर उसका उद्देश्य बतायें।

Q3. भारत सरकार द्वारा जनकल्याण परियोजनाओं की सूची तैयार करें।

Q4. पशु - पक्षी संरक्षण के लिए आवश्यक सुझाव बताते हुए अनुच्छेद लिखें।

Q5. सम्राट् उपन्यासकार प्रेमचन्द की 10 कहानियों व 5 उपन्यासों की सूची बनाओं किसी एक के बारे में लिखें।

MATHEMATICS

Q1. Presentation of Numbers System by activity method.

Q2. Presentation for finding the square root of real numbers(9.3) by activity method .

Q3. Prepare a chart in ivory sheet of types of polynomial and finding the zeroes by activity method.

Q4. Presentation of the square of $(a + b)^2 = a^2 + 2ab + b^2$ by activity method.

Q5. Describe the method for finding the $(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$ by activity method .

SCIENCE

- Q1. Suppose you are driving your car going from Noida to Dehradun, how you can measure the
- The total distance travelled and name the device by which you measure it?
 - Average speed of your car in entire journey?
 - Which device fitted in your car measure instantaneous speed?
 - Are you able to measure the instantaneous velocity of your car?
- Q2. Draw on a graph paper (i) distance-time (ii) speed-time graph for a body at rest.
- Draw (i) speed-time (ii) acceleration -time graph for a body in uniform motion.
 - How you can find out (i) distance (ii) acceleration from speed-time graph of a moving body?
- Q3. With the help of a chart or model, illustrate the different particle size found in the three states of matter – solid, liquid and gas using materials from the kitchen.
- Q4. To understand the varying rate of evaporation in different conditions:
- Take 100 ml of water in a bowl and keep it in open on a table.
 - Take 100 ml of water in a bowl and keep it under a fan.
 - Take 100 ml of water in a bowl and keep it in a dark closed space.
- Observe the time taken for the water to evaporate completely and comment on the different time in all the three bowls.
- Q5. Collect information on any two infectious diseases and its cause, spread, preventive measures & control.
- Q6. Write a note on Golgi apparatus and the functions it performs.

SOCIAL SCIENCE

Project on Disaster Management

The topic may be Natural Disasters or Man-Made disasters

Follow CBSE guidelines strictly

Use A-4 size file paper (one side ruled)

Use blue ink to write your project.

Design the cover page in such a way that it reflects your topic.

Project work should not be less than 15 pages.

Be ready for Viva based on your project.

Do not use plastic covers.

INFORMATION TECHNOLOGY

- Q1. Explain the importance of non-verbal and visual communication.
- Q2. What is encoding? Explain its significance in the communication cycle.
- Q3. Write a short note on writing skills.
- Q4. Write a short note on the following:
- Team work
 - Goal Setting
- Q5. What are the differences between interests and abilities.

ART

FOLK ART- Make a WARLI painting and a MADHUBANI painting on A-3 size ivory sheet.

Use water colour or poster colour only.

Syllabus: - PT-1 (2023-2024)

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|---|---|---|
| <p>ENGLISH</p> <p>Moments Chapter 1- The lost child</p> <p>Beehive Chapter 1 - The fun they had Poem - The Road Not Taken</p> <p>NOTICE WRITING Indefinite tenses(Present, Past and Future)</p> | <p>HINDI</p> <p>क्षितिज - गद्य खण्ड पाठ - 1 लेखक - प्रेमचंद लेख - दो बैलों की कथा</p> <p>पाठ - 2 लेखक - राहुल सांकृत्यायन लेख - लहासा की ओर</p> <p>काव्य खंड पाठ - 1 कवि - कबीरदास कविता - साखियाँ व सबद व्याकरण - अपठित गद्यांश व काव्यांश पर आधारित प्रश्न उत्तर, उपसर्ग व प्रत्यय पत्र लेखन - औपचारिक व अनौपचारिक</p> | <p>SCIENCE</p> <p>Chemistry- Chapter-1 Matter in our Surroundings Biology- Chapter-5 Fundamental unit of life Physics- Chapter-9 Motion</p> |
| <p>MATHEMATICS</p> <p>Chapter- 1 Number system Chapter -2 Polynomials</p> | <p>SOCIAL SCIENCE</p> <p>Political Science Chapter-1 What is Democracy? Why Democracy?</p> <p>Economics Chapter-1 Village of Palampur</p> | <p>INFORMATION TECHNOLOGY</p> <p>Part A Chapter -1 Communication Chapter -2 Self Management</p> <p>Part B Chapter -1 IT & ITes</p> |

PT-1 DATE SHEET

| DAY/DATE | SUBJECT |
|---------------------|----------------|
| 05/07/23, WEDNESDAY | ENGLISH |
| 07/07/23, FRIDAY | MATHEMATICS |
| 08/07/23, SATURDAY | SCIENCE |
| 10/07/23, MONDAY | SOCIAL SCIENCE |
| 12/07/23, WEDNESDAY | IT |
| 13/07/23, THURSDAY | HINDI |

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