



**SAINIK SCHOOL REWARI**  
**CLASS-VI (SESSION 2024-25)**  
**SUMMER VACATION-HOLIDAY HOMEWORK**

**Instructions to be followed by Cadets:**

1. Vacation Work should be done neatly and efficiently. It will be duly marked as a part Of your assessment.
2. Any additional chart paper/Map /Model if any required in vacation work should be submitted separately along with vacation work file/ note book.
3. Do not get up late. Rise at the usual time and go for a morning walk or play a game that interests you. Talk about the things you see around you. Plan some outdoor and indoor games. Spend some time on a hobby.
4. Read newspaper. Keep yourself updated. Reading from colorful illustrated story books will develop your language skills. Listen to stories from family members and try to narrate the stories you have read from various story books.
5. Assign a permanent workplace and a work-time. This brings in discipline in your life. If there is a subject you are weak in, try and work on improving that weakness. You will be more confident when you go back to school.
6. Inculcate good manners – 4 magic words `Please, Thank you, Excuse me, Sorry' – Use them and see the difference.

## ENGLISH

1. **Compose a poem** dedicating it to your favorite teacher/ your ideal/ your parents.
2. Read English Newspaper daily and find out 5 words which you find difficult, paste those words in the holiday homework notebook and write their meanings. ( 10 words a week )
3. Write 20 Idioms and their meanings. Write a paragraph/story and use at least 10 idioms in it.
4. Complete the **story** using your imagination in 50-60 words :  
  
"One day I was alone at home and it was dark stormy night and then suddenly the doorbell rang ....."
5. Write all **Parts of Speech** with examples.
6. Reading of a story book or short novel etc. and do write their **Book Review** properly with the theme and summary, characterization etc.
7. Describe 5 New things you learnt during your vacation.

## हिन्दी

1. अपने वद्यालय क्रमांक के अनुरूप दिए गए बिंदुओं में से चार्ट पर परियोजना कार्य बनाएं:  
**Project Work on Chart: Draw a beautiful Project Work on Chart on the following topics as per your School Numbers.**

|                                   |             |
|-----------------------------------|-------------|
| (i) क्रया वशेषण ( <b>Adverb</b> ) | (1632-1645) |
| (ii) संज्ञा <b>Noun</b>           | (1646-1660) |
| (iii) सर्वनाम ( <b>Pronoun</b> )  | (1661-1680) |
| (iv) वशेषण ( <b>Adjective</b> )   | (1681-1700) |
2. लंक पर क्लिक करें। कार्यपत्रकों का प्रंट आउट लें और निर्देशानुसार फाइल तैयार करें ।  
**Click on link. Take printout of worksheets and prepare file as directed.**  
<https://drive.google.com/file/d/1VYKDwxmRCxA-rgh1SDITeB68t-DkHTOo/view?usp=drivesdk>
3. भारत के वश्व प्र सद्ध एक वैज्ञानिक का चत्र चपकाकर उनके बारे में अनुच्छेद लखें ।  
**Select any One Indian scientist, paste his picture and write a Paragraph on him.**
4. **YouTube** के माध्यम से अक्षरांकन/सुलेखन (कैलीग्राफी) सीखें व हिंदी लेखन कला को वक सत करने के उद्देश्य से 2 पृष्ठ लखें व भाषा संवर्धन करें ।  
**Learn Calligraphy through YouTube and Write 2 pages for the purpose of developing Hindi Writing Art and Language enhancement.**
5. वद्यालय पत्रिका हेतु एक स्वर चत हिन्दी रचना तैयार करे।  
**Prepare a self-composition in Hindi for School magazine.**

6. पौराणिक, ऐतिहासिक व सैनिक युद्ध कथाएं व उनकी रणनीतियों पढ़ें।

**Read mythological, historical and military war stories and their strategies.**

7. योग, प्राणायाम, ध्यान व माइडफुलनेस सीखें व नित्य प्रति घर पर स्वयं व पारिवारिक सदस्यों के साथ अभ्यास करें।

**Learn yoga, pranayama, meditation and mindfulness and practice daily at home with self and family members.**

नोट:- सभी कार्य प्रायोगिक पंक्ति युक्त पृष्ठों (A4 Sheet) पर ही करें। इसी कार्य आधार पर ही आंतरिक मूल्यांकन किया जाएगा।

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### **MATHEMATICS**

1. Make a chart of different types of bracket.
2. Draw factor tree on A4 size sheet of 72 and 18.
3. Prepare a beautiful chart of Indian and International system up to crore/ billion on A4 size paper.
4. To find prime number between one to 100 by the sieve of Eratosthenes method (on A4 size paper)
5. Collect information on any two of famous mathematicians.
6. Draw lines of symmetry in English alphabets.
7. Draw mind map of chapter Whole numbers.
8. Draw mind maps of chapter Playing with numbers.

### **SOCIAL SCIENCE**

1. Make a family tree chart in your holiday's homework notebook and paste pictures of your family members with names and other details.
2. Visit your nearby village Panchayat/MCD and write functions of village Panchayat or MCD office members.
3. Plant a tree in your nearby area/park/field and look after that plant during vacations.
4. Write & learn all the Bridge Course activities conducted in class in your notebook again.
5. Help your parents in their household work and learn good habits from your elders at home.
6. Visit any museum / Park / Hill Station / Historical place / Government building and write a report in your notebook.
7. On the outline blank political and physical maps of India show all states and capitals, UTs & Major rivers of India.

## SCIENCE

**NOTE: Cadets are advised to do in their SCIENCE notebook. Draw diagram in the respective activity, if it is required.**

**Activity:** Children may be provided temperature data from different times or locations and help the students create simple graphs to visualize the changes in temperature over time or between locations. Children may also be envisaged to collect this data from the news-papers or from the internet.

**Activity: Space and Stars Building a model of Solar System:** This activity is intended to introduce children to the solar system and its components. Besides learning about the solar system, this activity also encourages creativity, teamwork, and research skills. This engaging and hands-on experience would leave a lasting impression on children. This activity would require a number of different-sized balls. These would be required to represent different planets. For example, a lawn tennis ball may be chosen to represent earth; a football for representing the Sun; a table-tennis (or ping pong) ball for representing the mercury, etc. In addition to the balls, items like paints or markers, Styrofoam or cardboard, string or wire, glue, and scissors are also needed. It is also envisaged that children would use informational resources about the solar system such as books, websites, posters, etc. Teachers are advised to begin the discussion on the solar system with the children. Teachers are envisaged to explain what it consists of, including the Sun, planets, satellites (that move around planets and sometimes also called moons of the particular planet), asteroids, and comets. Children may be suggested to see the pictures and diagrams to help them visualize. Teachers may like to assign each student or group of students a planet to focus on. They may be provided with information about their assigned planet, including its size, distance from the Sun, surface features, and any other interesting facts. Assigning the Planets: Using the materials provided, children may be facilitated to mark the balls as models of their assigned planets. They may be assigned to create Styrofoam balls or cardboard cut-outs according to the sizes of the respective planets assigned to them. These identified (or marked) planets' models may be taken as the base. These may be painted to draw the surface features of the respective planets.

Encourage them to be creative and accurate in their representations. The largest size ball should be marked as the Sun. (Remember the Sun is the largest object in our solar system!) Children may paint it reddish-yellow as it appears in the sky.

**Activity: Constructing the Solar System:** Once all the planets are ready, teachers are advised to gather the children together to assemble the solar system model. Strings or pieces of wire may be used to represent the orbits of the planets around the Sun. (Remember that there are no pathways appearing in the solar system; these strings just represent how the planets move around the Sun.) Hang the Sun in the centre and attach the planets at their appropriate distances from the Sun.

**Activity: Observations, Questions and Discussions related to water**

**Drying of water:** For the introduction of "Evaporation", students to share their daily life observations and experiences about drying of water from different things like wet clothes. Students to think questions such as why do clothes take longer to dry during rainy seasons? Allow students to think of possible reasons for these and discuss with each other. Allow learners to take a very little water in a plate and find out the ways in which we can make it dry faster.

**Activity:** More observations and questions related to water: Take two glass tumblers of the same size. Fill one with tap water and other with water and some ice. After keeping it for some time, encourage learners to note down the observations. Give them the opportunities to allow them to note down the questions led by their observations. Now discuss and provide possible explanations for the appearance of small water droplets on the outer surface of a glass tumbler containing water and ice. Let them discuss with each other and agree and disagree with each other's explanations with reasons.

☀ **Write an article on any two topic from the following-**

1. Climate change
2. Environment pollution
3. Global warming.

☀ As you may be aware that **INSPIRE – MANAK Scheme** is a flagship program with a basic objective to instill creative/innovative thinking among school students in the age group of 10-15 years and studying in class 6 – 10. If your idea get selected you will Rs. 10000 to make the model.

So, to participate in INSPIRE MANAK Scheme, you all have to come with an “original/innovative idea” that can have potential to cater to societal needs and applications. Five best ideas will be nominated for INSPIRE Award.

☀ **Prepare your Portfolio.**

☀ **Visit to a nearest Police station, Hospital, Panchayat learn the values and get the certificate of attending/ visiting the place.**

### संस्कृतम्

1. वर्णमाला
2. संयुक्त वर्णाः
3. चन्ह परिचयः
4. वर्ण वन्यासः
5. संख्या निर्माणम्
6. शरीराङ्गानि
7. लङ्गपरिचयः
8. वाक्य निर्माण
9. सः एषः कः?
10. सा एषा का?

सम्पूर्ण पाठ्यक्रम कंठस्थ लखत् च ।

### FIT

1. Write down 20 shortcut commands in MS Office in your fair notebook.
2. Make a block diagram of Computer with functional components and their working. Describe each part briefly.
3. Define Networking and show draw the block diagram of Networking.
4. What is a search engine? Describe its functioning. Also describe all the search engines.
5. What is the Internet and its use? Explain?
6. Write 25 shortcut commands in MS Office.
7. Explain the Input and Output devices in computer.
8. Explain the three components of CPU and Explain?