

Winter Holiday Homework (2023-24)

For classes- VII

Let's not forget that this year vacations are not only to explore the world outside but present an opportunity to rediscover ourselves while staying home and being safe. So, embark on a journey of fun and adventure by reading books, exercising, meditating, dancing and channelizing your energy in a positive manner.

Appreciate Nature – Go for long walks in a park or garden with your family and friends. Adopt/Grow a plant.



Unravel the artist in you – Create a new story, try a new recipe with your mom, learn a new song, play a new instrument.

Good manners is the key- Respect your parents, grandparents and all elders. Use three magical words (Sorry, Please and Thank you) often. 'A little more courtesy goes a long way.'

Stay Fit, Stay Healthy – Play your favourite game/ sport regularly. Develop in yourself the spirit of sportsmanship & sense of healthy competition.



Family Connect – Go for a long walks/drives with your family and friends learn from their experiences. They are a living story book.

Learn about our Heritage – Find some time to visit museum and monuments. Read about them. Learn new things related to our country's rich heritage.

Save Nature – Contribute to save our precious environment. Minimize the wastage of resources like water, fuel and electricity.

Happy thoughts – Stay positive and pray daily for yourself and for others.



Few Important points to follow :-

• **The Winter Break is scheduled from 30th December 2023 – 10th January, 2023. The students will resume to school for classes on 11th January, 2023.**

Must do :-

- ❖ Wear appropriate outdoor clothing and keep yourself warmly clad.
- ❖ Stay well nourished by eating healthy food and drink enough water to keep your body hydrated.
- ❖ No matter how busy you are, find time for reading.
- ❖ Travel with your book and keep a cold weather safety kit in your vehicle.
- ❖ Help your parents to run errands.
- ❖ Control Screen Time: Do not let children spend too much time playing video games, instead encourage them to take up creative pursuits.

"Smile is the only curve which straightens everything."

Have an enjoyable Winter Vacation. Stay Safe.

(PRINCIPAL)

Winter Holiday Homework

Class-VII

ENGLISH

Q) Design a poster for Road safety week being organized by Delhi Police. Provide all the relevant information.

Make the poster on a half pastel sheet. It must carry slogans and appear attractive with necessary details.

Q.2. Make an elaborate mind map of the novel “Oliver Twist” referring to the story given in the header by Charles Dickens on a colourful A-4 size sheet.

Evaluation Criteria :-

Handwriting	Content	Timely Submission	Presentation
1	2	1	1

HINDI

प्रश्न-1 बहुत से ऐसे लोग हैं जिन्हें शीत ऋतु में न भोजन, न वस्त्र और न ही रहने के लिए घर मिल पाता है। क्या आपने किसी ऐसे व्यक्ति की सहायता की है? अपने अनुभव तथा अपनी भावनाओं को अपने मित्र को बताते हुए पत्र लिखिए।

प्रश्न-2 प्रतिदिन समाचार पत्र से हिंदी के पांच नवीन शब्द खोजकर अर्थ सहित लिखकर वाक्य बनाएं। यह सुलेख कार्य हिंदी उत्तर पुस्तिका में पूर्ण करें।

मूल्यांकन बिंदु –

प्र.1. विषय वस्तु – 2 अंक, प्रस्तुतीकरण – 2 अंक, शब्दावली – 1 अंक

प्र.2. विषय वस्तु – 3 अंक, प्रस्तुतीकरण – 1 अंक, शब्दावली – 1 अंक

SCIENCE

Q1. Prepare a Working model of Electromagnet and answer the following questions. For details note the following point.

Materials required for electromagnet.

1. Iron nail 2. Copper wire 3. Battery 4. Insulated wire 5. Paper clips or small metal Objects 6. Cardboard or a wooden base

Procedure :

1. Wrap the insulated wire around the iron nail, leaving some wire loose at both ends.

2. Connect one end of the wire to the positive terminal of the battery and the other end to the negative terminal, creating a circuit(you can increase no. of batteries eg,1.5V, 3V 4.5V ,9V etc in series)
3. Test the strength of your electromagnet by bringing small metal objects (paper clips) close to the nail.

Display of electromagnet

1. Draw a labeled diagram of your setup on A-4 sheet.
2. Explain the role of each component (nail, wire, battery).
3. Highlight the connection between electricity and magnetism.
4. Write your observation with electromagnet and different batteries (eg,1.5V, 3V 4.5V ,9V etc in series).

Answer the following questions.

1. What is electromagnetism, and how does it differ from a regular magnet?
2. Why does the iron nail become a magnet only when the circuit is closed?
3. How does the number of wire turns around the nail affect the strength of the electromagnet?
4. Can you think of real-world applications for electromagnets?
5. What happens if you change the direction of the current in the wire?

Q2. Prepare a 3 D model on the topics assigned below according to your roll numbers and prepare for class presentation.

Grafting Project:(Roll no. 1-15)

- Choose two compatible plants for grafting (eg,Rose plants of different colours roses, Mango plants of different varieties etc)
- Search about different grafting techniques (cleft, whip-and-tongue, etc.).
- Document the process with pictures and explain the science behind successful grafting.
- Present your findings, including the benefits and challenges of grafting on A-4 Size sheet.

2. Sundial Construction:(Roll no. 16-25)

- Gather materials like a flat surface, a stick, and a compass.
- Set up the sundial in a sunny location.
- Mark the hours throughout the day based on the shadow cast by the stick.
- Record your observations and analyze how the sundial works on A-4 Size sheet.
- Create a presentation illustrating the relationship between the sun's position and the shadow for timekeeping.

3. Pendulum Time Period Calculation: (Roll no. 26-35)

- Construct a simple pendulum using a string and a weight (like a small object).
- Measure the length of the pendulum and record it.
- Swing the pendulum and measure the time for a 30 oscillations.
- Calculate the time period of one oscillation.
- Explain the factors affecting the time period and present your results on the A-4 Size sheet.

Evaluation Criteria :-

Data collection	Observation	Presentation
2	1	2

SST

- 1) Make a project on tribal communities of medieval period. Mention about the society, culture and politics of the medieval tribal communities. Add special case study on state formation by either the Ahoms or the Gond tribes.
- 2) Make a poster to create awareness about wildlife conservation and also write interesting slogan.

	Presentation	Content/ Observation	Timely Submission
Q.1.	2	2	1
Q.2.	2	2	1

FRENCH

- 1) Write the conjugation of the verbs as given below in fair notebook.

Manger- to eat, Choisir – to choose, Faire – to do/ to make, Appeler – to call, Jeter – to throw, Prendre – to take, Mettre – to put, dire – to say, Écrire – to write, Vouloir – to want/ to wish, Pouvoir – to be able to, Venir – to come, Boire – to drink, Sortir – to go out, Voir – to see.

- 2) Make a presentation on A4 size sheet while describing your house with image and description.

Content	Timely Submission	Presentation
2	1	2

संस्कृत

प्रश्न- 1 सामान्य ज्ञान प्रतियोगिता पाठस्य आधारेण गीता महाग्रन्थ' विषये सप्त संस्कृत वाक्यानि A-4 शीटे सचित्रम् लिखत ।

प्रश्न- 2 स्व संस्कृत उत्तरपुस्तिकायाम् लृट् लकारस्य दश संस्कृत वाक्यानि लिखत।

मूल्यांकन मानदंड:-

Q1.	विषयवस्तु— 2	चित्रात्मकता — 2	वर्तनी शुद्धि — 1
Q2.	विषयवस्तु— 2	चित्रात्मकता — 2	वर्तनी शुद्धि — 1

MATHS

Do the worksheets of Algebraic Expression in workbook.

Activity - To find the ratio of circumference of a circle to its diameter.

To draw a perpendicular to a line from a point not on it, by paper folding using thick Paper, pen/pencil.

Presentation (2 marks)	Timely Submission(1 marks)	Accuracy (2marks)
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