



ARMY PUBLIC SCHOOL MIRAN SAHIB
WINTER BREAK HOLIDAYS HOMEWORK
CLASS VIII (2024-25)



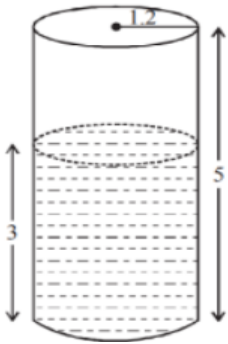
SUBJECT : ENGLISH

S.N O	SKILL	TOPIC	LEARNING OUTCOMES	MARKS
1	WRITING	Construction of various highways and sprawling flyovers has led to massive deforestation and loss of wildlife. Write an article expressing your concern.	Students will be able to enhance their horizon by penning down their thoughts on paper.	5
2	READING	Read the novel 'The adventures of Tom Sawyer' written by Mark Twain. Find fifteen new words from the novel and write their meaning and opposite. (Use dictionary). Do it in your class work notebook.	Students will be able to enhance their vocabulary and will be able to develop their reading skills.	5
3	PROJECT	Write the names of 10 figures of speech, their definitions, and provide two examples of each. Do it on scrap book and decorate accordingly.	Students will come to know about various figures of speech and their usage	5

विषय – हिंदी

क्रम संख्या	कौशल	विषय	टिप्पणी
१	लेखन	१) अपने राज्य के किसी लोकगीत (लोककथा या गीत) को पढ़ें और उसके बारे में एक रिपोर्ट तैयार करें। 2) अपने पसंदीदा कहानी के पात्र (जैसे बाज और सांप) का चयन करें और उनका परिचय लिखकर एक काल्पनिक संवाद तैयार करें। (पात्रों के विचार और भावनाओं को गहराई से व्यक्त करें)।	
२	विषय सम्वर्धन गतिविधियाँ	प्रदूषित जल के कारण होने वाली समस्याओं (बीमारियाँ, जैव विविधता पर प्रभाव) को पोस्टर के रूप में दिखाएँ।	

SUBJECT : MATHEMATICS

1	<p><u>SHORT ANSWER QUESTIONS:</u> Analysing, Problem solving, Critical thinking</p>	<p>1. Two cubes have their volumes in the ratio 8:27. Find the ratio of their surface area.</p> <p>2. If the capacity of a cylindrical tank is 1848m^3 and the diameter of its base is 14m. Find the depth of the tank.</p>	2 2
2	<p><u>LONG ANSWER TYPE QUESTIONS</u> Understanding, Critical thinking, Analysing, Problem solving.</p>	<p>3. A well with 20m diameter is dug 28m deep. Earth taken out of it spread all around to a width of 10m to form an embankment. Find the height of embankment.</p> <p>4. A school provides milk to the students daily in a cylindrical glasses of diameter 7cm. If the glass is filled with milk up to height of 12cm, find how many litres of milk is needed to serve 1600 students.</p>	3 3
3	<p><u>CASE BASED QUESTION:</u> Reasoning, Analysing, Brain storming, Problem solving, Critical thinking.</p>	<p>A well is a vertical open cylinder of radius 1.2m and height 5m. The well contains water to a depth of 3m (use $\pi = 3.14$)</p> <p>(i) What is the diameter of the well. (ii) What is the area of the bottom of the Well. (iii) What is the cost of cementing its curved surface area of the well if cost of cementing 1 m^2 is Rs 25.</p> <p align="center">OR</p> <p>Find the volume of the water in the well in litres ($1\text{m}^3 = 1000\text{litres}$)</p>	 <p>1 1 2</p>
4	<p><u>ASSERTION AND REASONING QUESTIONS</u> Understanding, Critical thinking, Analysing, Logic and Reasoning.</p>	<p>Assertion (A) – The volume of a room is 80 m^3. The area of the floor is 20 m^2. The height of the room is 4m. Reasons (R) – Volume is calculated by multiplying length x width x height.</p> <p>a) Both A and R are true and R is the correct explanation of A b) Both A and R are true but R is not the correct explanation of A c) A is true but R is false d) A is false but R is true</p>	1
5	<p><u>SUBJECT ENRICHMENT ACTIVITY:</u></p>	<p>Make a working model of cylinder to verify the formula for finding total surface area of cylinder. https://youtu.be/tUxn3YxJWIE?si=pvweqItUDI9Ye26m</p>	10

SUBJECT-SCIENCE

S. NO	SKILL	TOPIC	Learning outcome	MARKS
1	WRITING (Recall, understand and remember)	Read the chapter – SOME NATURAL PHENOMENON & LIGHT and frame 30 MCQ's and 20 Assertion reasons on your science notebook.	Understanding of nature and natural phenomenon.	10 MARKS
2	SUBJECT ENRICHMENT ACTIVITIES (Experimentation on and Observation.)	To test the conduction of electricity through various fruits and vegetables. Display your results in a tabular form.	To find out that all materials that do not conduct electricity.	5 MARKS
3	PROJECT (Creating)	<ul style="list-style-type: none">• Make a working model of simple electroscope.• Find out the health concerns associated with chromium electroplating. How are people trying or resolve it. Make a report.	Understanding the advantages and disadvantages of electroplating.	10 MARKS

SUBJECT-SOCIAL SCIENCE

S. NO	SKILL	TOPIC	Learning outcome	MARKS
1	WRITING (Recall, Understand and Remember)	Write 10 MCQs of each chapter on your SSC notebook. Chapters- <ol style="list-style-type: none">1. When people rebel.2. Human resources3. Public facilities4. Understanding laws and social justice	Understanding the content given in each chapter.	10 MARKS
2	SUBJECT ENRICHMENT ACTIVITIES (Experimentation and Observation.)	Collect articles related to current affairs and link them to Social Science chapters (e.g., natural disasters, space exploration, political changes, elections etc.). Create a scrapbook and write 2-3 sentences explaining each article's relevance.	Understanding the current happenings in the country and the world.	5 MARKS
3	PROJECT (Creating)	Make a flowchart showing the process of making laws in the parliament.	Understanding the process of making laws in the parliament.	10 MARKS

विषय – संस्कृतम्

क्रम संख्या	कौशल	विषय	अधिगम के प्रतिफल
१	लेखन	पाठ संख्या १० से लेकर १३ तक के अभ्यास के प्रश्नोत्तरों को अपनी लेखन-पुस्तिका पर लिखकर विषय अध्यापक को प्रेषित करेंगे।	** विद्यार्थी पाठ के हिंदी अर्थ की जानकारी प्राप्त करेंगे।
२	विषय सम्वर्धन गतिविधियाँ	स्फोरक-पत्र (चार्ट-पेपर) पर “सावित्री बाई फूले” पाठ का सुन्दर चित्र बनाकर सरल संस्कृत भाषा में एक अनुच्छेद लिख कर उसका हिन्दी अर्थ लिखें।	** विद्यार्थियों में संस्कृत भाषा से हिन्दी भाषा में अनुवाद करने की योग्यता आ जाएगी, और संस्कृत के प्रति रूचि बढ़ेगी।
३	परियोजना कार्य	“भूः” “इष्” धातु रूप लङ्-लकार में स्फोरक-पत्र (चार्ट-पेपर) पर बना कर लाना है। और स्मरण भी करना है। धातु रूप स्मरण कर एक बीडीओ बना कर विषय के अध्यापक की दूरभाष संख्या पर प्रेषित करनी है।	** स्मरण शक्ति का विकास होगा। ** धातु अर्थात् क्रिया के ज्ञान द्वारा भूतकाल के वाक्यों को समझ पाएंगे। ** बीडीओ निर्माण के माध्यम से बच्चे संस्कृत में संभाषण करना सीख जाएंगे। इस तरह बच्चों के उच्चारण दोष को सही किया जा सकता है।

सूचना ---- शीतकालीन अवकाश गृह कार्य अपनी संस्कृत की टिप्पणी-पुस्तक पर ही करना है।
---- स्फोरक-पत्र(चार्ट पेटर) पर "धातु-रूप" और "सावित्री बाई फूले " का ही कार्य है।

SUBJECT- COMPUTERS

- **ACTIVITY 1: (Marks 10)**
 - i. **Create a Form in HTML. Take the printout of the coding and the output of the coding and paste it in your computer notebook.**
- **ACTIVITY 2: (Marks 10)**
 - ii. **Create an app using MIT app inventor. Take the screenshots & printouts of the coding and paste it in your computer notebook.**

SUBJECT- GENERAL KNOWLEDGE

S. NO	SKILL	TOPIC	Learning outcome	MARKS
1	WRITING (Recall, Understand and Remember)	Write two national and international current affairs daily on your GK notebook.	Understanding of current happenings of the world and of India.	10 MARKS
2	SUBJECT ENRICHMENT ACTIVITIES (Experimentation and Observation)	Design a poster on India's indigenous missiles emphasizing Agni, Brahmos, Prithvi etc and their features, objectives, and achievements.	1.Learning and understanding about India as a superpower	5 MARKS
3	PROJECT (Creating)	Make a report on the election process in India with reference to Lok Sabha elections and state legislative election.	1.Understanding the electoral system of India.	10 MARKS