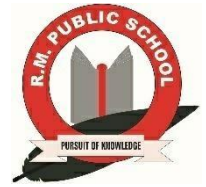




# **R.M PUBLIC SCHOOL**

(CBSE AFFILIATION NO.730072)



## **SESSION-2023-24**

### **Winter Holidays Homework**

### **Class: - Ninth**

**Circular No. : 930**

**Date : 28-12-2023**

**Dear Parents / Students**

**Greetings from RMPS Fraternity!**



Books become permanent companions. Sometimes, they are born before us; they guide us during our life journey and continue for many generations.

.....A.PJ ABDUL KALAM .....

**Winter vacations are a delightful escape from the routine, offering a chance to embrace the chilly enchantment of the season. Whether it's snuggling up with a book by the fireplace, embarking on a snowy adventure, or simply relishing the festive spirit, these moments become a tapestry of warmth in the midst of the cold. The serene landscapes draped in snow create a picturesque backdrop for relaxation and reflection, making winter vacations a cherished interlude to recharge and appreciate the beauty of the season. Here are some holiday activities designed for creative utilization of time. Give a flight to your imagination and spend time purposely. This winter vacation the holiday homework so designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn".**

## REMEMBER

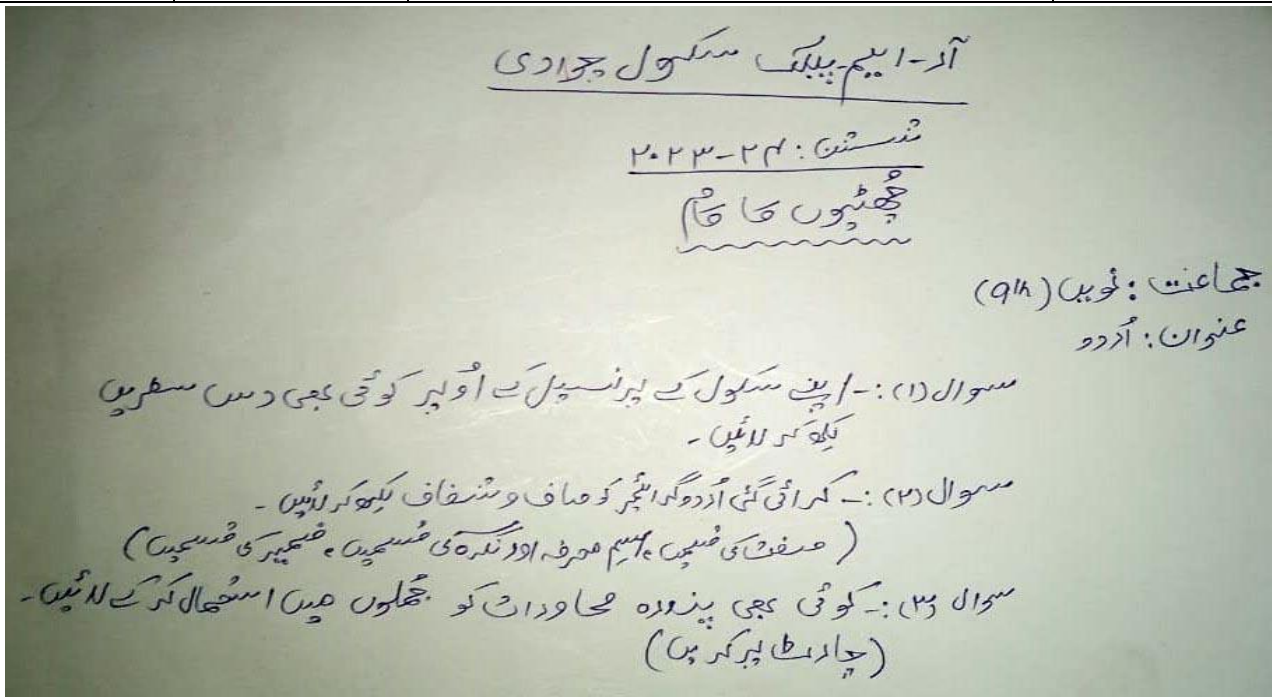
- \*Neatness and hygiene are part of your routine.
- \*Holidays homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
- \* It's a perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
- \*Reading is essential for those who seek to rise above the ordinary. Spend your quality time with reading purposeful books.
- \* A beautiful handwriting makes a good impression. Practice one page of English and Hindi writing daily.
- \* Schedule your time for activities so that there is no piling up for the last moment.
- \* Holiday homework should be your authentic creative work.
- \* The marks of holiday homework will be included in your Term-2 exam. Kindly deposit the holiday homework on below mentioned slots, later it will not be accepted by the class teacher.

### SUBMIT HOLIDAYS HOMEWORK ACCORDING TO THE GIVEN SCHEDULE

DATE	SLOTS	ROLL NO.	TIMING
09-01-2024	FIRST	1 TO 15	09:00 am to 09:30 am
	SECOND	16 onwards	09:30 am to 10:00 am

SR.NO	SUBJECT	TOPICS	ACTIVITY	MATERIAL REQUIRED
1	ENGLISH	The Slumber did My Spirit Seat	<b>1. Describe your visit to a slum area and express your concern how poverty has affected our society.</b> <b>2. Learn all the question answers of the chapter that have been discussed Yet.</b>  <b><u>Project</u>-Draw Anime Sketches (Roll No 1 to 7)</b>	Ivory Chart, pencil etc.
2	हिंदी	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्	1. चंद्रशेखर वेंकट रामन ने अपने जीवन काल में बहुत सारे शोध कार्य किए हैं तो उन्हीं शोध कार्यों की टिप्पणी तैयार करें।	ग्लू , रंगीन कागज, कैंची, रंगीन धागे, कार्डबोर्ड आदि

			<p>2. पूरे पाठ्यक्रम की पुनरावृत्ति करें।</p> <p><u>परियोजनाकार्य</u>-चंद्रशेखर वेंकटरामन की खोज 'रामन प्रभाव' के ऊपर एक नमूना तैयार करिए, जिसमें एक रंग की किरणें किसी ठोस या रवेदार पदार्थ से टकरा कर अलग-अलग रंगों में परिवर्तित हो जाती हैं। (Roll No 8 to 14)</p>	
3	Maths	Circles	<p>1.If AB and CD are two equal chords of a circle with centre O. OP and OQ are perpendiculars on chords AB and CD respectively. If <math>\angle POQ = 120^\circ</math>, find <math>\angle APQ</math>.</p> <p>2.Revise all syllabus done in class.</p> <p>Project- Prepare a model on Cycle with the help of Cardboard.(Roll No 8 to 14)</p>	Cardboard, colourful sheets. Glue, scissor, a protector, compass, ruler, pencil and white paper.
4	Physics	Sound	<p>1. Explain wavelength, frequency, time period and amplitude</p> <p>2. Revise all syllabus done in class.</p> <p>Project-Make automatic water fountain without using electricity.(Roll No 1 to 7)</p>	Plastic bottles, straw, disposal bowl etc.
5	Chemistry	Structure of Atom	<p>1.</p> <p>a).Write two limitations of Rutherford's model of atoms.</p> <p>b) . <math>\text{Na}^+</math> has completely filled K and L shells. Explain.</p> <p>2. Revise all syllabus done in class.</p> <p>Project-Make a Atomic Structure Model(Roll No 15-21)</p>	Card Board, Coloured paper, glue, scissor etc.
6	Biology	<p>1.Cell</p> <p>2.Tissues</p> <p>3.Improvement in food resources.</p>	<p>1. Prepare 30 MCQ from 3 chapter .</p> <p>a) 10 from cell</p> <p>b) 10 from tissues</p> <p>c) 10 from improvement in food resources.</p> <p>2. Revise all syllabus done in class.</p> <p><b>Project</b>–Make a 3D Model of Cell Organelles. e.g: Neuron, Plants Cell etc. (Roll No. 22 onwards.)</p>	Cardboard, colorful chart.
7	S.St	Green Revolution	<p>1. Write down the 20 extra question answers of the chapter Population.</p> <p>2. Revise all syllabus done in class.</p> <p>Project- Make Model of Volcanic eruptions. (Roll No. 15 to 21)</p>	Cardboard, glue, Plaster, water colour etc.

8	I.T	CYBER SECURITY	<p>1. What do you understand by GreenEconomy? Explain the ways to achieve Green Economy.</p> <p>2. Revise all syllabus done in class.</p> <p><b>Project-</b> Make a PowerPoint presentation or presentation in LibreOffice on the topic "CYBER SECURITY" (Roll No . 15 to 21)</p>	USB or CD
9	URDU			

**Note:**

- Revise all syllabus done till date.
- Do all holidays homework in separate file as per requirement.



Regards

Vice Principal