


# SUMMER Vacation

## HOLIDAY HOMEWORK

Learn • Explore • Create • Enjoy

A perfect blend of learning and fun  
to make your vacation meaningful   
and memorable!



Boost  
Creativity



Enhance  
Learning



Build  
Confidence



Develop  
Life Skills



Connect with  
the World

 *Happy Holidays!* 

Keep learning, keep growing!

*Dear Students,*

**"Learning never exhausts the mind."**

— *Leonardo da Vinci*

This summer, we encourage a blend of joyful relaxation and purposeful learning. Our holiday homework is designed by mentors to help your child develop skills and interests, aligning with our motto of '**Fun and Learn**' and fostering responsible young minds.

### **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.

### **SUBMIT HOLIDAYS HOMEWORK ACCORDING TO THE GIVEN TIME AND SLOT SCHEDULE**

DATE	SLOTS	ROLL NO.	TIMING
20/07/2026	FIRST	1-15	9:00 am to 9:30 am
	SECOND	16 ONWARDS	9:30 am to 10:00 am

- School will remain open between **8:30 am to 01:00 pm** on all working days except Sundays and Gazetted Holidays.

**NOTE:** The marks of holiday homework will be included in your **Term-1 Exam**. Kindly submit the holiday homework on above mentioned slots, later it will not be accepted by the class teacher.

## HAPPY SUMMER VACATION!

Vacations are the best time to relax and enjoy. Summer vacation is the reason behind fun in the Sun, beach and shadow of the umbrella.

- This is to inform all the students that the summer vacation is going to begin **08<sup>th</sup> June, 2026 and will end on 22<sup>nd</sup> July, 2026. The school will reopen on 23<sup>rd</sup> July, 2026.**
- Summer holidays homework has been uploaded on our school website : [www.rmpublicschool.com](http://www.rmpublicschool.com). Kindly go through it.
- We hope you have a fantastic vacation with your family.

S.NO	SUBJECT	TOPICS	ACTIVITY
1	English	1. “ My literary Scrapbook”  2. Self-Reflection  3. Role Play “ Voice of the Soil”	1.Create a scrapbook based on Chapters/poems from your “ Kaveri Book”  2. If you were the main character of Chapter “Vitamin-M in your Kaveri Book, what decision would you change and why? Answer in 150-200 words.  Perform a monologue or dialogue where ✓ You become the Soil or A farmer speaking land and emotions. ✓ Record a short video (1-2 Minutes) Add emotion: Happiness, pain and connection with earth.

S.NO	SUBJECT	TOPICS	ACTIVITY
2	Maths	Polynomials  The Use of Coordinates	1. Design and prepare a working model to represent the classification of polynomials based on: a) number of terms and b) Degree.  2. Draw a simple map (school, park, home) Assign coordinates to each location. Plot them on graph. Answer: a) Which place is closest to origin? b) Which lies in which quadrant?



S.NO	SUBJECT	TOPICS	ACTIVITY
3	Physics	<p>Newton's first law of motion</p> <p>Newton's laws of motion</p> <p>Motion</p>	<p>1. To demonstrate Newton's first law of motion using a coin, glass and a paper strip. Place the paper on the glass and keep the coin on top. Pull the paper quickly and observe what happens to the coin. Write your observation and explain why it happens using the concept of inertia.</p> <p>2. Draw the following:</p> <ol style="list-style-type: none"> <li>Distance time graph for an object with constant acceleration with zero velocity</li> <li>Velocity time graph for a body moving with constant velocity.</li> <li>Velocity time graph for object moving with uniform acceleration when initial body is not at rest.</li> </ol> <p><b>3. Project work</b> Prepare a creative project showing real life application of Newton's laws of Motion. Include examples from sports, vehicles, daily life and space science. Conclude the project with how Newton's laws help us understand motion in everyday life. (add pictures, diagrams and short explanation for each law)</p>

S.NO	SUBJECT	TOPICS	ACTIVITY
4	Chemistry	Structure of Atom	<p>1. The atomic number of Aluminium is 13 and mass number is 27</p> <ol style="list-style-type: none"> <li>Calculate the number of protons, neutrons and electrons in an aluminium atom.</li> <li>Identify its valency and justify your answer using electronic configuration.</li> <li>Explain why aluminium tends to lose electrons rather than gain electrons during chemical reactions.</li> </ol> <p>2. "Isotopes are useful but isobars create confusion"</p> <ol style="list-style-type: none"> <li>Describe any two real life applications of isotopes in the field of medicine, agriculture or archaeology.</li> <li>Why do isotopes have same chemical properties but different physical properties?</li> </ol> <p>3. Compare the three main atomic models you studied.</p> <ol style="list-style-type: none"> <li>Compare Thompson's, Rutherford's and Bohr's atomic models on the basis of structure, charge distribution and movement of electrons.</li> <li>State one major limitation each of Thomson's model and Rutherford's model.</li> <li>Name the scientist who discovered neutrons. Why was this discovery important?</li> </ol> <p><b>4. Project Work</b> Design and construct a 3D Bohr atomic model proposed by Neil Bohr</p> <p>Your model should clearly show:</p> <ul style="list-style-type: none"> <li>✓ Nucleus containing protons and neutrons.</li> <li>✓ Arrangement of electrons in different shells.</li> <li>✓ Atomic number and mass number.</li> <li>✓ Valency of the element.</li> </ul> <p>Proper labelling and colour coding</p>

SR.NO	SUBJECT	TOPICS	ACTIVITY
5	Biology	Cell organelles	To prepare a model on any of the following cell organelles or cell (Mitochondria, Chloroplast, Plant cell, Animal cell)

		Osmosis	Raisin - osmosis demo - Task- Soak two batch of raisins one in plain water and other in sugar solution for 2 hours. Observe and record its size, mass, photos and write 100 words report.
		Nature observation dairy	Observe plant around your home for 5 days and write changes in their leaves, sunlight effect, growth, new leaves

S.NO	SUBJECT	TOPICS	ACTIVITY
6	SST	Atmosphere and Climate  Note: Q3 and Q4 to be attempted by all	<p><b>Project Work</b></p> <p>1. Water Cycle Model (R.no 1 to 16)</p> <p>2. Draw a labelled diagram or Make a 3D model Include processes:</p> <ul style="list-style-type: none"> <li>✓ Evaporation</li> <li>✓ Condensation</li> <li>✓ Precipitation</li> <li>✓ Collection.</li> </ul> <p>(R.no 17 onwards)</p> <p>3. Compare ancient trade routes with modern digital trade (online shopping). How has the concept of “market” changed?</p> <p>4. Imagine you are an early human witnessing fire for the first time. What questions would arise in your mind, and how you try to find answers?</p>



2	HINDI	<p>*A4 साइजवाइटशीट: आधार (Base) के लिए।</p> <p>* रंगीन चार्ट पेपरपेपर: भूरा (तने के लिए), हरा (पत्तियों के लिए), और 6 अलग-अलग रंगों के कागज (फूलों के लिए)।</p> <p>* कैंची और गोंद (Glue stick): कटिंग और पेस्टिंग के लिए।</p> <p>* काले और रंगीन स्केचपेन: जानकारी लिखने के लिए।</p> <p>* ग्लिटर और स्टिकर्स: सजावट के लिए</p>
3	MATHS	<p>Cardboard(base), Coloured chart papers, Sketch pens /markers, Scale, pencil, eraser, Glue/Fevicol, Scissors</p> <p>Graph paper ,Pencil and eraser, Scale (for drawing axes neatly), Coloured pens (to mark different points/quadrants)</p>
4	PHYSICS	<p>Coin, a glass, a piece of paper, table etc.</p> <p>Graph paper, project file, pencil, eraser etc.</p> <p>Project file, A4 size sheets etc.</p>
5	CHEMISTRY	A4 size sheet, Cardboard, Fevicol, Scissor and marbles.
6	BIOLOGY	<p>Cardboard, coloured charts, colour pen etc.</p> <p>A4 sheets, photographs, colour pen marker , project file etc.</p>
7	S.S.T	<p>Cotton, Cardboard,</p> <p>blue Sheet, Colour pen etc</p>
8	URDU	Coloured charts, colour pen etc
9	AI	Practical File, Scrapbook, Glue, A4 size sheets, coloured pens etc.

### Note-

- Revise all syllabus done till date.
- Do all holidays homework in separate notebook.

### Prioritize safety:

- Avoid sharp tools.
- Parental supervision required for craft activities, especially during usage of hot glue.

# The Best ADVENTURES happen in

## SUMMER!

Take time to relax, explore, learn and grow.  
Make memories that will last a lifetime!

### THIS SUMMER...

- ★ Read new books
- 🌸 Learn new things
- ♥ Spend time with family
- 📷 Capture beautiful moments
- 😊 Stay healthy & active
- ☀️ Be kind and spread happiness



Explore ♥



Relax ♥



Create ♥



Dream ♥



Be Positive ♥



### “ Thank You! ”

R.M. Public School thanks all the amazing students for their hard work and enthusiasm.

You all are Superstars!

See you soon with BRIGHT SMILES, WONDERFUL MEMORIES and a HEART full of POSITIVE ENERGY! ”

Have a safe, joyful and AMAZING SUMMER BREAK!

Regards,  
Vice Principal