




# SUMMER Vacation

## HOLIDAY HOMEWORK

Learn • Explore • Create • Enjoy

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



CLASS  
11TH



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 / ROLL NO.s (for project)	ACTIVITY
1	Geography	Ch 1- Introduction to Maps Ch 2- Map Scale Ch 3- Latitude Longitude and Time Ch 4- Map Projection Ch 5- Topographical Maps Ch 6- Introduction to Remote Sensing  Roll no 5, 7, 8, 9, 12 15 Roll no 18,20,21, 22,23,25	Prepare a Practical file.  <b>Prepare Project file on the Topics</b> a. Biodiversity and Conservation b. World Climate and Climate Change Kindly Prepare a <b>PPT</b> presentation on the Project and bring your PPT in the Pen drive Post Summer Vacation

S.NO	SUBJECT	TOPIC / ROLL NO.s (for project)	ACTIVITY
2	History	Ch 1- Writing and city life.  Roll no-01,02,03,04 Roll no-05,06,07,08  Roll no-09,10,11,12 Roll no-13,14,15,16 Roll no-17,18,19 Roll no-20,21,22,23,24, 25,26	1. "Water is becoming the new oil in West Asia."Examine this statement in the context of water-sharing conflicts over the Euphrates River.  <b>2. Project Work</b> a. Writing and city life b. An Empire Across Three Continents c. Nomadic Empires d. The three orders e. Changing cultural traditions f. Paths to Modernization  Draw data time line, flow charts and write relevant materials.
S.NO	SUBJECT	TOPIC / ROLL NO.s (for project)	ACTIVITY
3	Sociology	Ch 3-Understanding social institutions  Roll No. 1,3,4 Roll No. 6,10,11  Roll No.13,16  Roll No. 17,19  Roll No. 24	1. Conduct small, informal interviews with family members or neighbors about how social institutions have changed over generations.  <b>2. Project Work:</b> a. Society and sociology b. Terms, concept and their use in sociology c. Understanding social institutions d. Cultural and socialization e. Introducing western sociologist

S.NO	SUBJECT	TOPICS / ROLL NO.s (for project)	ACTIVITY
4	English	<p>Poem 4- Childhood Memories</p> <p>Science 1 Roll no- 1-15            Science 2 Roll no- 1-15            Commerce Roll no-1-15            Humanities Roll no-1-15</p> <p>Chapter 8 - Silk Road</p> <p>Science 1 Roll no- 16-25            Science 2 Roll no- 16-25            Commerce Roll no- 16-25            Humanities Roll no- 16-22</p> <p>Chapter7- The Adventure</p> <p>Science 1 Roll no- 26 onwards</p>	<p>1. Compose a short poem (10-12 lines) on "Loss of Innocence" or "The Beauty of Childhood Memories.</p> <p><b>2. Project Work:</b>            Create a collage with pictures (real or cut-outs) showing the journey from childhood to adulthood — innocence, growth, responsibilities, freedom.</p> <p>3. Draw and label the Silk Road route (you may print and paste if required). Highlight key regions like Lhasa, Mount Kailash, Hor, etc.</p> <p><b>4. Project Work</b>            Make an art piece (sketch, painting, or collage) inspired by the harsh yet beautiful Tibetan landscape described in the story.</p> <p>5. Write a Story of Adventure in your words of any of your favourite freedom fighters?</p> <p><b>6. Project Work</b>            Make a file depicting the life and valor of any of your</p>

	Science 2 Roll no- 26 onwards Commerce Roll no- 26 onwards Humanities Roll no- 22 onwards	favourite freedom fighter with colorful pictures and real-life events.
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S.NO	SUBJECT	TOPICS / ROLL NO.s (for project)	ACTIVITY
5	BIOLOGY	Ch 3- Plant Kingdom (Botany) Roll No – 01 to 15  Roll No – 16 Onwards.  Chapter 4: Animal Kingdom	<p>1. Do 15 MCQ's based on previous years NEET Exam. Based on syllabus up to PA1</p> <p>2. Write four practical's each from section A and section B that is given in practical file.</p> <p><b>3. Project Work</b></p> <p>a. Activity: Prepare Herbarium Sheet</p> <p><b>Note-</b> Collect local weed species of common plants press them between sheets of old newspaper or a heavy book until dry, and mount them on official herbarium sheets.</p> <p>b. Activity: The "Big Three" Model Organisms (Comparative Anatomy) Compare the digestive, circulatory, and nervous systems of the Earthworm, Cockroach, and Frog.</p> <p>4. In many amphibians and insects, the larval stage looks nothing like the adult. What are the biological advantages of 'Indirect Development'?</p>

S.NO	SUBJECT	TOPICS / ROLL NO.s (for project)	ACTIVITY
6	BUSINESS STUDIES	Ch 1- Concept and Fundamental of business  Roll no. 1-32	<p>1. Develop a project on successful Retail business and write its history, development over the year and link it with aids to trade functions.</p> <p><b>2. Project Work</b> <b>Prepare a Project on Application on Aids to Trade.</b> For example- Raymond is a clothing brand, write its history, development and progress over the years, its functioning, contribution to society and aids to trade function like what type of transport do they use for the product to reach to the market, what type of packaging done, how do they communicate with consumer, how do they advertise their product, what kind of insurance and banking facilities they opt for.</p> <p>a. You can refer to the business, trade and commerce chapter for further reference. b. You can also refer to the selected company product website.</p>

S.NO	SUBJECT	TOPICS / ROLL NO.s (for project)	ACTIVITY
7	Accountancy	Chapter 5- Accounting Equation	<p><b>Project Work ‘Banking-Vouchers and Source Documents’</b></p> <p><b>General Instructions-</b></p> <ul style="list-style-type: none"> <li>✓ Approach a nearby branch of any bank and collect information about various facilities offered by it and collect information on various accounts, forms and vouchers that serve as records of financial transactions and are used to</li> </ul>

		<p>Assignment Based HW</p> <p>Roll no. 1-5          Roll no. 6-10          Roll no. 11-15          Roll no. 16-20          Roll no. 21-25          Roll no. 26 onwards</p>	<p>document the movement of funds within the bank and to external parties.</p> <ul style="list-style-type: none"> <li>✓ Collect various forms and slips like-</li> <li>✓ Deposit and Withdrawal forms</li> <li>✓ Loan application forms</li> <li>✓ Internet banking application forms</li> <li>✓ ATM card request forms</li> <li>✓ Transfer forms</li> <li>✓ Cheque book and Pass book</li> <li>✓ Demand Drafts</li> <li>✓ Payment and receipt vouchers</li> <li>✓ Non-cash vouchers etc</li> </ul> <p>Compile all the information and showcase in your project file by pasting the blank forms collected from the bank.</p> <p>Detailed writeup is expected in the project about each type of voucher and forms and types of accounts the bank deals in.</p> <p>Note down the transactions for the first 20 days of the business organisation and prepare an Accounting Equation for the transactions that take place in any of the chosen business organisation, (choose any one)</p> <ol style="list-style-type: none"> <li>a. Grocery shop</li> <li>b. Salon</li> <li>c. Cosmetic shop</li> <li>d. Optician</li> <li>e. Bakery shop</li> <li>f. Sweet shop</li> </ol> <p>Any form of business organisation (sole proprietor)</p>
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S.NO	SUBJECT	TOPICS	ACTIVITY
8	Computer Science	Ch 1- Computer system organisation  Ch 2-Boolean Logic  Python programming	<ol style="list-style-type: none"> <li>1. Make a presentation on Types of Softwares and take the print out of the slides and make a file of it.</li> <li>2. Make a chart of different types of operators with their logic gates and truth table.</li> <li>3. Python programs               <ol style="list-style-type: none"> <li>a) Write a program to check whether a number is even or odd.</li> <li>b) Write a program to find the largest among three numbers.</li> <li>c) Write a program to calculate the factorial of a number.</li> <li>d) Write a program to generate the Fibonacci series up to n terms.</li> <li>e) Write a program to check whether a number is prime or not.</li> <li>f) Write a program to find the sum of digits of a number.</li> <li>g) Write a program to reverse a number and check whether it is a palindrome.</li> <li>h) Write a program to print the multiplication table of a given number.</li> <li>i) Write a program to count the number of vowels, consonants, digits, and special characters in a string.</li> <li>j) Write a program to count the frequency of each character in a string.</li> <li>k) Write a program to calculate the sum and average of elements in a list.</li> <li>l) Write a program to sort a list in ascending and descending order.</li> <li>m) Write a program to create a dictionary of student details and display its contents.</li> </ol> </li> </ol>

			<p>n) Write a program to count the occurrence of each word in a sentence using a dictionary.</p> <p>o) Write a menu-driven program to perform arithmetic operations (Addition, Subtraction, Multiplication, Division) using functions.</p> <p>Note: All programs must be written in practical file</p>
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S.NO	SUBJECT	TOPICS	ACTIVITY
9	Mathematics / Applied Mathematics	Ch 1- Sets ✓ types of set ✓ operations on sets ✓ Venn Diagrams	1. To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2 power n. 2. Maths working model of set on union of sets, intersection of sets A–B, B–A.

S.NO	SUBJECT	TOPICS/ ROLL NO.s (for project)	ACTIVITY
10	Chemistry	Ch 1- Some basic concepts of Chemistry.  Ch 2- Atomic Structure  Roll no. 1-18  Roll no. 19 onwards	1. Do 15 questions based on previous years NEET/JEE exam. Based on syllabus upto PA1.  2. Write four practical's each from section A and section B and one activity from each section.  <b>3. Project Work:</b>  a. Study of methods of purification of water  b. Investigation of the foaming capacity of different washing soaps and the effect of addition of sodium carbonate on it.

S.NO	SUBJECT	TOPICS/ ROLL NO.s (for project)	ACTIVITIES
11	Physics	Ch 1- Units and it's measurement Ch 2- Motion in a straight line Chapter 3– Motion in a Plane  R.no. 1-15  R.no. 15 onwards	1. Do 15 questions based on previous years NEET/JEE exam. Based on syllabus upto PA1.  2. Write four practical's each from section A and section B and one activity from each section.  3. <b>Project Work</b> <b>a. The "River-Man" Vector Simulation</b> This is a tabletop activity to understand Relative Velocity in Two Dimensions.  <b>b. The Balloon Rocket (Newton's Third Law)</b> This activity perfectly illustrates action and reaction pairs and the conservation of momentum.

S.NO	SUBJECT	TOPICS/ ROLL NO.s (for project)	ACTIVITY
12	Political Science	Chapter 1– Political Theory  Rollno.1,2,3,6,7,8,18,19  Roll no. 4,5,9,10,11,12, 20,21  Roll no. 13,14,15,16,	1. What is Political Theory? Why should we study Political Theory?  2. What is meant by social constraints? Are constraint of any kind is necessary for enjoying freedom?  3. <b>Project Work-</b> Aims and Ideals of Indian Constitution.  a. Legislature  b. Judiciary  c. Executive

17, 22, 23, 24, 25  
onwards

S.NO	SUBJECT	TOPICS	ACTIVITY
13	Psychology	Ch 2-Methods of enquiry in Psychology.	<b>1. Project Work</b> Choose any method of data collection in psychology (observation, interview, case study, surveys method)  Project file includes information such as Meaning and nature of method , it's relevance and advantages and shortcomings of the chosen method
S.NO	SUBJECT	TOPICS	ACTIVITY
14	Painting	Ch 2- Pre-Historic Art Portfolio file	<b>1. Project Work</b> Students create composition based on topics Village scene, Market scene, Landscape,  <b>General Instructions-</b> Students prepare a portfolio file which includes various topics  2. Students create 3 compositions related to family; friends, Fantasy, landscape, day to day activity ,Any Games  a. 5 sketches related to day-to-day activities, basic to finished work b. Painting related to folk Art c. 1 WarliArt d. 1 Madhubani Art
S.NO	SUBJECT	TOPICS	ACTIVITY
15	Entrepreneurship	Ch 3- Entrepreneurial Journey	<b>1. Project Work</b> a. Develop a comprehensive business plan for a hypothetical or real startup, including mission, vision, target market, marketing strategy, financial projections,

			<p>and operational plan.</p> <p>b. Product/Service Development- Design and develop a new product or service that solves a problem or meets a need in the market.</p> <p><b>2. Power point presentation</b>  <b>Entrepreneurship Case Study-</b>  Choose a successful entrepreneur or startup and analyze their journey, strategies, and challenges.</p>
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S.NO	SUBJECT	TOPICS/ ROLL NO.s (for project)	ACTIVITIES
16	Economics	<p>Ch 1- Central problem of economics</p> <p>Ch 6- Law of demand</p> <p>Ch 3- Consumer equilibrium</p> <p>Roll no. 1-32</p>	<p>1. Explain Economic problem and its causes?</p> <p>2. Draw PPC curve with its assumptions, properties and diagram?</p> <p>3. What do you mean by law of demand?</p> <p>4. Explain the conditions of consumer equilibrium incase of one commodity &amp; two commodity case?</p> <p><b>5. Project Work</b>  PPC And Effect On PPC Due To Various Government Policies.  If there is increase in output due to certain policies, PPC shifts to its right and vice-versa. You will study and submit in detail the effect of at least 6 of the government policies on PPC.</p>

S.NO	SUBJECT	TOPICS	ACTIVITY
17	Physical Education	Ch 1- Changing trends in sports Streams-Commerce and Art  Ch 2- Olympism Stream- All Streams  Ch 3- Yoga Stream- Science i and science ii	<b>1. Project Work</b> a. Describe changing Trends in sports & Games in terms of changes in playing surface, wearable gears, Equipment, Technological advancements.  b. Make a chart on Modern Olympics. Movement.  c. Procedure, benefits & contraindication for anytwo Asanas for each lifestyle disease.
S.NO	SUBJECT	TOPICS	ACTIVITY
18	Hindi	में भी पत्रकार – मेरे शहर का फीचर           परियोजना: “धूप में तपते, सेवा में जुटे – हमारे कम्युनिटी हेल्पर्स”	1. जम्मू की 1 जगह चुनो: बाहू फोर्ट, रघुनाथ मंदिर, मांडा जू बाग-ए-बाहू। 2. वहाँ जाकर 5 फोटो खींचो + 1 गार्ड/पुजारी/टिकट वाले का इंटरव्यू लो। 3. 250-300 शब्द का फीचर लेख लिखो: शीर्षक, इंट्रो, इतिहास, वर्तमान, समापन। 4. A3 शीट पर अखबार का फ्रंट पेज डिजाइन करो – तुम्हारा फीचर मुख्य खबर। 5. निर्देश: छात्रों के लिए क. 5 कम्युनिटी हेल्पर्स चुनो: अपने स्कूल के आसपास या मोहल्ले से कोई 5 सहायक चुनिए। ख. फोटो खींचो: उनसे अनुमति लेकर उनके साथ 1 फोटो खिंचवाओ। फोटो में NCERT की

		<p>हिंदी किताब भी दिखनी चाहिए।</p> <p><b>ग. कलर प्रिंट निकलवाओ:</b> 5 फोटो का 4x6 इंच साइज में कलर प्रिंट निकलवाओ।</p> <p><b>घ. A4 शीट पर लगाओ:</b> हर 1 फोटो को 1 अलग A4 शीट पर चिपकाओ।</p> <p><b>ड. बातचीत करो और अनुच्छेद लिखो:</b> उनसे 5 सवाल पूछो और उनके जवाब के आधार पर 80-100 शब्द का अनुच्छेद उनकी जुबानी लिखो।</p>
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## **MATERIAL REQUIRED**

### **Geography**

A4 Size Sheets, file (use paper files), pencil, eraser, glue pen

### **History**

A4size sheets

Note: A4Size sheets, paste pictures, file(do not use plastic file), cover the file, paste profile, add certificate an index also

### **Sociology**

A4 size sheets, paste original photograph of interview

Note: paste pictures, file (do not use plastic file), cover the file, paste profile, add certificate an index also. Write relevant materials, draw flow chart, timeline also.

### **English**

Colorful A4 Sheets, Project file, Pictures, Decorative and colorful items.

### **Biology**

Dry and mount plant specimens, wooden frames, newspapers, mounting glue/tape, digger, notebook, and plastic bags

### **Business Studies**

Colorful A4 sheets.

Note: Paste pictures on the left side and writing to be done on the right side.

Use file folder

## **Accountancy**

A-4 size white sheets, Documents collected from bank, Example- blank deposit slips, withdrawal form, Account opening form etc., Stick File, coloured pens

## **CS**

Practical file, A4 size sheets, Chart, pencil, colors etc

## **Mathematics/ Applied mathematics**

Paper, different colored pencils, different colour paper, scissors, colored pen, glue, syringe, glue, transparent pipe, black sketch pen, scissors, assignment sheets.

## **Physics**

A4 size sheets, Practical File, A large sheet of paper (the "River"), a toy motorized car or a wind-up toy (the "Swimmer"), and a meter scale, A long piece of string (5–10 meters), A plastic straw, A balloon and some tape.

## **Chemistry**

A4 size sheets, Practical File, Paper, Different colour paper, scissors, colored pen, glue

Note: Use material according to the requirement of the project and use A4 size sheets and project file.

## **Political science**

A4 size sheets, File, Pictures, index certificate and bibliography

## **Psychology**

Required A4 size sheets and thread File,

## **Painting**

A3 size drawing pad, pencil shades , A3 size drawing pad , pencil shades, colours any medium, Drawing sheet, Art and craft related material

## **Entrepreneurship**

A4 size colourful sheet

## **Economics**

Use A4 size plain sheets, file, chart, paper for diagrams

## **PHE**

Use A4 size plain sheets.

## **Hindi**

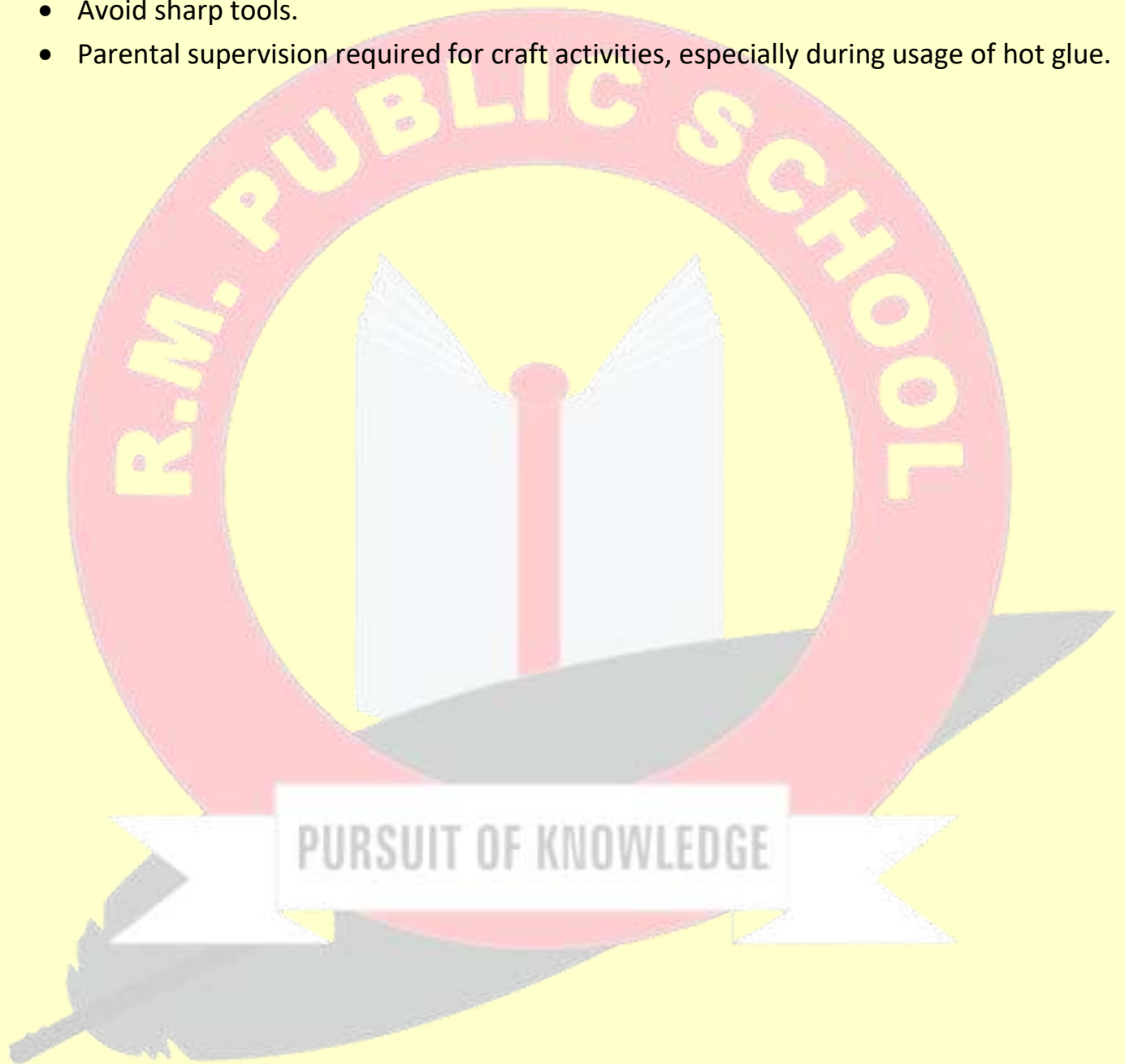
कलर प्रिंट, A4 शीट

**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

Relax

Recharge

Refresh

Restart

“ 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! ”

Regards,  
Vice Principal

Have a safe, joyful and  
AMAZING SUMMER BREAK!