



# RAJA RAMMOHAN ROY ACADEMY

(Cambridge School)

Clement town, Dehradun

## SUMMER ASSIGNMENT AND PROJECT WORK SESSION 2024-25 CLASS – VII

Subject	Project/ Assignment
Eng. Lang.	<p>The following work to be done in a separate notebook.</p> <p>1. We encourage you to understand the importance of using your voices for good. Speak out against injustice; stand up to bullying; build values of compassion, fairness, and equality.</p> <p>Write an official letter to the Principal of our school expressing your observations and your concerns about bullying. What is the best way for our school to prevent bullying? Present your views in 150-200 words and provide coherent and practical advice and suggestions for this problem.</p> <p>2. <b>Writing as a Power Tool.</b></p> <p>If you could choose and create an International Day for a woman who inspires you, who would you choose and why? Present your idea in around 250 words with appropriate photos and convincing points for your research and recommendation.</p>
Eng. Lit.	<p>1. Make a colourful collage on a standard A4 sheet using photographs, headlines, articles, pictures and catchy slogans and phrases on the world-renowned athlete J. C Owens.</p> <p>2. Memorise the poem 'IF' by Rudyard Kipling.</p> <p>3. Read any one of the following books written by the popular British author 'Roald Dahl':</p> <ul style="list-style-type: none"><li>• Charlie and the Chocolate Factory</li><li>• Matilda</li><li>• The Witches</li><li>• Fantastic Mr. Fox</li></ul>
Hindi	<p>1. कोई एक जातक/ हितोपदेश कहानी पढ़े, लिखें व याद करें (चित्र सहित)</p> <p>2. आपके घर जो हिंदी समाचार पत्र आता है, उस समाचार पत्र में पर्यावरण से संबंधित आई खबरों से एक कोलाज तैयार कीजिए।</p> <p>3. हिंदी में करवाए गए सभी पाठों की पुनरावृत्ति करें तथा याद करें।</p> <p>Note: दिया गया समस्त कार्य A4 शीट में करें।</p>
Sanskrit	<p>1. पढ़ाए गए समस्त कार्य की पुनरावृत्ति करें एवं याद करें। धातु एवं प्रत्यय लिखने का अभ्यास करें!</p> <p>2. सुंदर लेख का अभ्यास करें।</p>

<p><b>Mathematics</b></p>	<p>A. Watch the movie "Hidden Figures" with your family. Take note of key moments where mathematics plays a significant role in solving problems and advancing the story. Design a poster illustrating the importance of mathematics in advancing technology and achieving goals, inspired by the movie.</p> <p>B. Solve the following questions:  Ex 1(E) : Q 1 to 7 and Q.11  Ex 2(E) : Q 1 , Q 8  Ex 3(E) : Q 1 to 5  Ex 4(D): Q 1 to 5</p> <p>Submission: Complete all exercises neatly in a separate notebook and submit it on the first day of school after the holidays.</p>
<p><b>Physics</b></p>	<p>In a separate notebook</p> <ol style="list-style-type: none"> <li>1. Write the names with the S.I. units of any ten Physical quantities from your textbook.</li> <li>2. Write the definition of <ol style="list-style-type: none"> <li>a. Volume</li> <li>b. Area</li> <li>c. Density</li> <li>d. Speed</li> <li>e. Body at rest</li> <li>f. Body in motion</li> <li>g. Translatory motion</li> <li>h. Rectilinear motion</li> <li>i. Curvilinear motion</li> </ol> </li> <li>3. Write the difference between( with 2 examples) <ol style="list-style-type: none"> <li>a. Periodic and Non periodic motion</li> <li>b. Vibratory and oscillatory motion</li> <li>c. Rotatory and circular motion</li> <li>d. Uniform and non uniform motion</li> </ol> </li> <li>4. Write 4 difference between mass and weight</li> <li>4. Draw neat diagrams of Measuring cylinder and Measuring Beaker</li> </ol>
<p><b>Chemistry</b></p>	<p>To be done in separate thin notebook.</p> <ol style="list-style-type: none"> <li>1. Notice 15 changes around you and classify them as physical change, chemical change, slow change, fast change, desirable change, undesirable change, reversible change, irreversible change, periodic change and non-periodic change.</li> <li>2. Take two saucers and naphthalene balls. Place one saucer with few naphthalene balls inside the room and other saucer with few naphthalene balls outside under the heat of the sun. <ol style="list-style-type: none"> <li>(a) What do you observe?</li> <li>(b) Did you notice any change in the appearance of naphthalene balls in both the saucers.</li> <li>(c) What does this observation tell you?</li> <li>(d) What is the effect of heat on naphthalene balls?</li> </ol> </li> <li>3. Learn and write tables 3.1, 3.3 and 3.4.</li> <li>4. Draw a 3-D chart on Topic 'Valency Chart' given as table 4.2 and 4.3 in your textbook on page no 51</li> </ol> <p>To be done in your classwork notebook</p>

	<p>5. Paste both the sets of Periodic test paper and solve it.</p> <p>6. Do Short and Long Q/Ans of chapter 2.</p> <p>7. Revise the chapters done in the class.</p>
<b>Biology</b>	<p>To be done in scrap book</p> <p>1. Collect a small monocotyledonous plant and a dicotyledonous plant. Dry each of them by pressing in between folds of a newspaper. Observe and record the differences in their structures.</p> <p>2. Read chapter classification of plants--</p> <p>* Collect the samples and paste at least two pictures along with their characteristics of the following</p> <p>* Algae • Bryophytes (Mosses)</p> <p>• Pteridophytes (Ferns) • Gymnosperms</p> <p>• Angiosperms</p> <p>■ To be done in notebook</p> <p>1. Name the following:</p> <p>a) Tissue that forms the inner lining of our mouth</p> <p>b) Tissue that connects muscle to bone in humans</p> <p>c) Tissue that transport foods in plants</p> <p>d) Tissue that stores fat in our body</p> <p>e) Connective tissue with a fluid matrix</p> <p>f) Tissue present in the brain</p> <p>g) Tissue which makes up the husk of the coconut</p> <p>h) Tissue responsible for movement on our body</p> <p>2. Identify the type of tissue in the following</p> <p>a) skin</p> <p>b) the bark of a tree</p> <p>c) bone</p> <p>d) lining of a kidney tubule</p> <p>e) vascular bundle</p>
<b>History/Civics</b>	<p>In a scrapbook, Make a colourful presentation of pictures on various inventions and discoveries of Arabs in various fields. Also write the impact it had on the world.</p>
<b>Geography</b>	<p>Note ... Do not use thermocol in making model.</p> <p>1. Make a model or chart on Layer of the atmosphere.</p> <p>2. Make a collage on Climate change.</p> <p>3. Learn Chapter Atmosphere and Do Ques 1c (on page 24) in geography notebook.</p>
<b>Art</b>	<p>Practice the work of chapter 1-2 in the book</p> <p>Draw and colour the imaginative topics given in the file.</p>
<b>Community Service</b>	<p>Paste 4- 5 pictures of yourself doing community service with a short write up of what you did for the community.</p>