



RAJA RAMMOHAN ROY ACADEMY

(Cambridge School)

Clement town, Dehradun

SUMMER ASSIGNMENT AND PROJECT WORK

SESSION 2024-25

CLASS – ____VIII__

Subject	Project/ Assignment
Eng. Lang.	<p>*Make a poster to advertise local and organic food of Uttarakhand mentioning where it comes from and why it is good for you. The poster should be colourful.</p> <p>*Make a list of 10 words and 10 phrases of foreign languages which we use in the English language as well. Write their meanings and make sentences of the same.</p>
Eng. Lit.	<p>*Make a travel brochure for Japan highlighting the country's culture, food, language, traditional wear, etc. Refer to the story 'Sayonara' in your textbook for any details. The brochure should be colourful and innovative.</p> <p>*Memorize the poem 'OCaptain!My Captain!' by Walt Whitm.</p>
Hindi	<p>1 . कोई एक जातक/ हितोपदेश कहानी पढे,लिखें व याद करें (चित्र सहित)</p> <p>2 .स्वयंरचित कोई एक कविता लिखिए और उसे रिकॉर्ड करें और कक्षा के साथ साझा करें।</p> <p>3. हिंदी में करवाए गए सभी पाठ एवं व्याकरण कार्य 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>
Mathematics	<p>In a separate notebook</p> <ol style="list-style-type: none">1. Write the squares of all natural numbers from 1 to 30.2. Write the cubes of all natural numbers from 1 to 20.3. Write all the Laws of Exponents from the textbook.4. Write all the formulae of Volume and Surface area from the chapter Mensuration.
Physics	<p>In a separate notebook</p> <ol style="list-style-type: none">1. Write the names with the S.I. units of any ten Physical quantities from your textbook.2. Write the definition of:<ol style="list-style-type: none">a. Densityb. Relative density

	<p>c. Force d. Pressure e. Moment of force f. Work g. Energy h. Power</p> <p>3. Write the difference between: a. Evaporation and boiling b. Density and relative density c. Thrust and pressure d. Work and energy e. Work and power</p> <p>4. Draw neat diagrams of Eureka Can and density bottle.</p>
Chemistry	<p>To be done in separate notebook</p> <ol style="list-style-type: none"> Collect samples of solid – solid, solid – liquid, liquid – liquid types of mixtures and write in detail the separation techniques which could be used. Explain the different methods required for separation of the following mixtures: <ol style="list-style-type: none"> Stone, salt and sand. Water, alcohol and petrol. Chalk powder, grain and chaff. Iodine, sand and iron filings. Make a project on any one of the following topics: <ul style="list-style-type: none"> A working model showing separation techniques like filtration, separation of mixture by using separating funnel, fractionating columns, distillation etc. Water Filtration System - Construct a simple water purification model showing sedimentation, decantation, filtration and distribution methods. <p>Non-Working Model: Water Cycle Display - Build a diorama or poster illustrating the water cycle (evaporation, condensation, precipitation, collection) with clear labels and descriptions.</p> <p>To be done in classwork notebook</p> <ul style="list-style-type: none"> Paste both the sets of periodic test paper in your notebook and solve it again. <p>* Revise the chapters done in the class * Complete Exercise 1 of Chapter 'Elements Compounds and Mixtures'.</p>
Biology	<ol style="list-style-type: none"> Paste two pictures of first aid given to a patient for every condition given in the book and write the first aid suggested for the patient. One page for one condition and its first aid. Prepare a small first aid box, which must contain medicines for fever, stomachache, headache, burn, swelling, sprain, anti allergy, dettol/savlon, band aids, small iodex, small betadine etc. Revise chapters 1 and 8
History	<p>Make a picture collage on Renaissance including pictures related to the following topics- Art, Literature, Science, Discoveries and inventions (use Chart Paper)</p> <p>Or</p> <p>Make a colorful presentation in a scrap book on Renaissance and its impact on the world</p>
Geography	<p>*Note* ... Do not use thermocol in making models.</p> <ol style="list-style-type: none"> Make a model or a chart on Satellite cities or Smart cities. Make a collage on Natural and Man-made Disaster.

	3. Learn Chapter Population Dynamics and Do Ques 14 (on page 40) in geography notebook.
Computer Application / Science	1. Create a poster on the topic ' Operating System' 2. Create and take the print out of an excel sheet showing the Budget distribution of your Home. Insert appropriate charts to show the data.
Art	Practice the work of chapter 1-2 in the book Draw and colour the imaginative topics given in the file
Community Service	Students have to paste 4-5 pictures of themselves doing community service with a short writeup of what they did for the community.