



Rukmani Birla Modern High School

Session 2026-27

SUMMER ASSIGNMENT

Dear Students,

*Summer holidays bring thoughtful days,
Where learning blooms in gentle ways.
Do your assignments, spark your mind,
Read books too—new worlds you'll find.*

*Explore near and wide with purpose true,
Spend time with family, friends by you.
Help birds and strays with caring hands,
Kindness nurtures across the lands.*

*Return rejuvenated, relaxed, refreshed, revived,
recharged,*

Hearts aglow, with wisdom enlarged.

*Summer's lessons, soft and slow,
Will help your knowledge to grow.*

Complete your class-specific assignments mindfully during this enriching break.

Tasks follow on the next pages.

Submit on the first day back.

Happy Holidays



Rukmani Birla Modern High School

Summer Holiday Assignment

Class VIII

Topic: Water Audit for Water Management

General Instructions for Holiday Assignment

- Students have to do all the work in a single scrapbook.
- Work must be neat and clean.
- Do not write anything on the backside of the page where drawings are made or pictures are pasted.
- Design a neat, colourful, and creative cover page for your scrapbook based on the title or theme of the Summer Holiday Assignment. The cover page should include the student's name, class, section, roll number, and session. Use drawings, borders, colouring, cut-outs, or decorative materials related to the theme to make it attractive and meaningful.

What students will do:

- Record daily water usage by your family at home (drinking, cooking, bathing).
- Prepare weekly water audit table.
- Use 3 ways to save water at your home.

1. Write a report on the topic “Water Management Begins at Home” explaining how water can be saved and managed wisely in daily life.

2. “जल संरक्षण” विषय पर जागरूकता फैलाने हेतु एक स्क्रिप्ट लिखिए अथवा “पानी बचाओ” विषय पर एक नुक्कड़ नाटक की स्क्रिप्ट तैयार कीजिए।

3.1 “जल संरक्षण” विषय पर चार श्लोक लिखिए तथा उन्हें हिन्दी अर्थ सहित याद कीजिए।

3.2 श्रीमद्भगवद्गीता के बारहवें अध्याय के पहले पांच श्लोक कंठस्थ कीजिए।

Or

Prepare a “Water Audit Chart” in French showing different daily uses of water at your home with pictures, symbols, and short captions.

4. Calculate the total amount of water used by your family in one week and present the data in a tabular form.

5. Draw a bar graph showing the daily water consumption of your family.

6. Measure the water flow rate (in litres per minute) of taps and showers by collecting water in a bucket for one minute.

7. Calculate the amount of water used while washing utensils or other household activities using the formula:

Amount of Water Used = Water Flow Rate of the Tap (L/minute) × Time the Tap is kept ‘ON’

Calculate the amount of water used by using following table:

Name of the family	
Number of people in the family	
How much water is stored in the house in a day? (e.g., one tank of 1000 L capacity, one earthen pot of 5 L capacity, one copper vessel of 15 L)	
How much water does the family consume per day for washing clothes? (e.g., water used in a washing machine, number of buckets used)	
How much water does the family consume per day for washing utensils? (e.g., water flow of the tap and average time spent on washing utensils, buckets used)	
How much water does the family consume for drinking and cooking? (e.g., amount of water stored in bottles and average number of bottles used)	
How much water does the family consume for bathing? (e.g., buckets used the water flow of tap or shower and time used for bathing)	
Any other use of water? (e.g., for washing vehicles, in the garden)	

8. Compare the water usage before and after using water-saving methods at home.
9. Write and explain any four methods of water purification used at home or in daily life. Also mention the importance of clean and safe drinking water.
10. Collect information about traditional water conservation systems such as Tankas, Kunds, or Step Wells near Jaipur. Write about their importance, structure, and how they helped people in saving water in earlier times. Support your work with pictures and drawings.
11. Use any AI tool or application to design a “Water Saving Project”. Present your project with pictures, slogans, ideas, or smart methods to conserve water at home and in daily life.
12. Design and create an attractive banner on the theme “Save Water”. Use colours, slogans, and creative drawings to spread awareness about water conservation.