



RUKMANI BIRLA MODERN HIGH SCHOOL, JAIPUR

SESSION – 2021-22

SUMMER HOLIDAY ASSIGNMENT

CLASS VI

THEME: WATER IS WONDERFUL WHEN WE DON'T WASTE IT

Water, the pivotal ingredient in the essence of life, is the most important non-renewable resource, other than oxygen, for life to exist and thrive on our planet. Hence, judicious use of water should be followed since water is non-renewable and depleting at an ever-increasing rate.

Subject-English

Q1. Look at the pictures given below. Choose any one picture and write a short story or descriptive composition or an account about it.



Q2. You are being congratulated by your friend on getting the first prize at state level for your project on water conservation. Write a thank you letter also providing him details of the project prepared, material used, its working, description etc.

Note: Do the work in grammar note book and upload it on one note app.

Subject-Hindi

"भविष्य, वर्तमान और भूत
प्रकृति में जल ही है अदभुत,
संरक्षित करें इसकी हरेक बूँद।"

उपर्युक्त विषय को ध्यान में रखते हुए "जल संरक्षण जागरुकता " पर आधारित छाया कालेंडर (6 महीनों का) निम्न संकेत बिंदुओं की सहायता से तैयार कीजिए।

- * जुलाई माह- जल चक्र का नामांकित चित्र
- * अगस्त माह - जल के स्रोत के चित्र व नाम

- *सितम्बर माह - जल प्रदूषण के कारण नामांकित चित्र के साथ
- * अक्टूबर माह - जल संरक्षण के उपाय स्लोगन सहित
- * नवंबर माह - जल के अनेक नाम(पर्यायवाची शब्द)
- * दिसम्बर माह- "जल ही जीवन" पर आधारित कविता लिखते हुए कैलेंडर निर्माण करें

Subject- Mathematics

- 1) Collect some data about how much water do we use in different household activities like taking shower, washing clothes (in a washing machine), Flushing the toilet, using sink faucets and other uses in the tabular form and then make a pictograph by using the collected data.

Take key (1 unit =1gallon or 1 bucket)

Where 1 gallon = 3.785 liters ,1 bucket = 5 gallon

Water wise facts

Match the following to have an idea how much water is used in different household activities:

- | | |
|--|---------------|
| a) brushing teeth with tap on. | 1) 9 litres |
| b)5 minute shower. | 2) 6 litres |
| c) taking bath using tub or bucket | 3) 135 litres |
| d) the washing machine. | 4) 35 litres |
| e) flushing the toilet | 5) 80 litres |
| f) the running water pipe for 15 minutes | 6) 60 litres |

Saving water

1- Every pupil flushed the toilet two times a day. How many litres of water would be used in?

a)1day_____

b)5days_____

2-How many litres of water would hippo bag save in:

a)1day_____

b)5days_____

- (hippo bag is a polyethylene unit opens to look like a box, which sits neatly in your cistern of your toilet and saves water and money when you flush your toilet. The hippo will save 3 litres of water every time you flush your toilet.)

- 2) Collect the water bills of consecutive 5 months in rupees and draw a pictograph / bar graph by taking x axis as month and y axis as money.

Do the above work in your math's scrap book.

Do Chapter 1 (Knowing Our Numbers) me 'n' mine worksheets 1 to 8 in me 'n' mine workbook.

Subject- Science

Many house plants can grow by drip irrigation such as vegetables like garlic, onion, tomatoes etc. or even some herbs. If you like annuals, these should grow well in a drip irrigation technique (drop by drop, water is distributed to the active root zone of plants).

Activity: -Make a drip irrigator from a plastic bottle and plant any one of the above-mentioned plants and observe the growth of plants. Click the pictures of your plant at different stages of its growth and upload it on one note app. Also write about the advantages of drip irrigation system.

- (Hints to make:
- i) Get a plastic bottle
 - ii) Poke 4 to 5 holes in the cap
 - iii) Cut the bottom off the bottle.
 - iv) Dig a hole into the soil of your pot. Place the bottle into the hole, cap-side-down.
 - v) Fill the bottle with water, and invert the bottom of the bottle)

General instructions for the MDP project: -

- Project should be handwritten, and credit will be given to illustrations (scientific principles /pictures/ Diagrams etc.) and own creativity.
- After completing the project, kindly upload your project work on one note of your class notebook of MS Teams.
- Computer generated will not be considered.
- No need to go outside to purchase any material for the project. Kindly use the material available at home only.

Subject- Social Science

❖ Do research work on the Clean River Project initiated by the Government of India on the following topic:
(Project to be done in different groups according to the roll no. mentioned in bracket.)

- a. **Namami Gange Programme** (Group 1-Roll no.1-7, Group 2-Roll no. 8-14, Group 3-Roll no. 15-21, Group 4-Roll no.22-28, Group 5- Roll no. 29-35, Group 6-Roll no. 36- till last)

Prepare a Power Point Presentation including pictures and information related to the topic on the following aspects:

- Year of launch
 - Expected year of completion of the project.
 - Estimated expenditure.
 - Purpose of the project
 - Achievements and shortcomings of the project
- Mention a few points depicting the impact of lockdown on water quality and future implications on river rejuvenation strategies.

Subject- French

Q1. Write and draw 20 words related to nature and encircle vowels.

Subject- Sanskrit

जल संरक्षण पर आधारित अधोलिखित श्लोकांशों को कंठस्थ करें.

1. 'प्राणा वै जगतानालापौ'

जल ही जगत के प्राण हैं।

Water is the soul of the world. The entire variable and constant are based on water.

2. आपः सर्वस्य भेषजीः।

जल सब रोगों की औषधी है।

There is nectar in water, there is medicine in water.