

ARMY PUBLIC SCHOOL DHRANGADHRA

INTEGRATED PROJECT FOR HOLIDAY HOMEWORK

CLASS IX(2017-18)

WATER : THE BLUE GOLD

General Instructions

- A single inter – disciplinary project is to be made in one file containing all subjects.
- Cover page should be made aesthetically (Should be creative indicating the name of the student along with the class and section and session (2017 - 18))
- The 2nd page must have Subject Remarks by Teacher Teacher's Signature
- The project should be hand written on A4 sized coloured sheets as indicated.
- Table of contents(3rd page), acknowledgements (4th page), bibliography (last page) should be included.
- Your work should be well presented, researched and pictorial
- You may make a collage of photographs to demonstrate a particular point.
- You may make use of newspaper clippings also.
- Second last page should be a certificate Page Certifying that the entire work has been done by yourself .

Subject : Maths

- Find out the trend in water supply in Gujarat for past 10 years and draw a histogram
- Find the difference between the water supply for domestic purposes and irrigation purposes.
Which sector withdraws more water?
- In which year was the supply highest? Why do you think so ?

Subject : Science

- Describe the chemical structure of water ? Why is water called a universal solvent ? List its properties that make it unique.
- What is potable water ? Why is it so scarce ?
- Draw a labelled diagram of water purification plant . Describe the processes used in cleaning the water
- Make a list of impurities / effluents present in the water treated in the purification plant.

Subject : English

You are a young water crusader. The future of a planet lies in your hands.

- Design a poster with slogans to create awareness regarding the same
- Write a news paper article about your best water experience (visit to a beach , river , swimming pool etc)

Subject : Social Science

- Write ten points on water saving at home and in work place
- Mention the different water sources at present.

विषय हिन्दी -

अपने दिन - प्रतिदिन के जीवन में हम प्रायः जल को व्यर्थ होते हुए देखते हैं | कुछ स्थान ऐसे हैं , जहाँ जल का अधिकतर दुरुपयोग देखा जाता है | वे स्थान हैं -

- जन्मदिन , विवाह आदि
- निर्माणाधीन भवन आदि
- गाड़ियों व घरों की धुलाई

इन सभी से संबंधित चित्र एकत्रित करें व उन चित्रों को परियोजना में लगाए |

- पोस्टर निर्माण - “ जल संरक्षण ”