

**HOLIDAY HOME WORK (2015-16)**  
**CLASS-VIII**  
**WATER CRISIS & FORESTS**

Water scarcity is the lack of sufficient available water resources to meet the demands of water usage within a region. It already affects every continent and around 2.8 billion people around the world at least one month out of every year. Water scarcity can be a result of two mechanisms: physical (absolute) water scarcity and economic water scarcity, where physical water scarcity is a result of inadequate natural water resources to supply a region's demand, and economic water scarcity is a result of poor management of the sufficient available water resources.



**MATHS**

- Revise the following chapters.  
Chapter 1 – Square & Square Roots  
Chapter 2 – Cube & Cube Roots  
Chapter 4 – Direct & Inverse Variation
- Draw the frequency distribution Table of per capita water consumption (for purpose of Bathing, Gardening, Washing etc.) of a person in a day in Litres. Draw a Bar Graph for the data collected by you.
- Given below is the data of population of India (in percent) with access to improved sources of water. Using this information draw a Double Bar Graph.

• YEAR	• URBAN • (population in %)	• RURAL • (population in %)
• 1990	• 88	• 63
• 1995	• 90	• 70
• 2000	• 93	• 77
• 2005	• 95	• 83
• 2010	• 97	• 90

- Prepare a questionnaire consisting of five questions on the topic Water Scarcity in India. Then administer this questionnaire on 5 persons of your neighbourhood. Also prepare the response sheet for each person,.

**Suggested questions for your questionnaire:**

- What is the average quantity of water consumed by your family per day?
- What measures do you adopt to reuse waste water in your home?

**Note: Holiday Home work should be done in a separate notebook.**

## SCIENCE

India is one such country which is covered with water from three sides & with snowy mountains from fourth side. So there is “water- water everywhere not a drop to drink” because the water on three sides is salty & water on fourth side is snowy. Even then-

Our country is facing “Water Crisis”.

So dear children during your summer vacation want you to think and answer the following questions:

- How has water crisis affected the forests in India?
- How do forests affect the other biotic components of the environment?
- Collect data on the following: Do any one out of the three (a,b or c)
  - a) Forest cover of different states in India. You may Paste pictures of flora and fauna found in the states.
  - b) Effect of rainfall scarcity / human activities on forests of India (also paste pictures)
  - c) Role of government and its policies in conserving forests.
- What role can you play in conserving forests?
- How can chemical effluents from various sectors like industrial/ health sector etc. affect the ground water?
- ***We say that water is inexhaustible source of energy still we find it difficult to get potable water in each and every household. We are facing a water crisis and shifting ourselves to disposables like cups, glasses, plates even dresses. (Compulsory for all)***

Find out few methods of water purification & make a project where you can suggest few activities/method to deal with “WATER CRISIS”.

Make use of the hints given below or any other innovative idea.

- i) Make sea water drinkable
- ii) Make sewage water usable
- iii) Make Rain water usable
- iv) Solar Purification of used water
- ***Read chapter Earthquake, Pollution of Air, Micro organism thoroughly. (Compulsory for all)***
  - Each child will attempt questions as per your Roll no. Groups have been allotted by your teacher.

## ENGLISH

- 75 % of the earth’s surface is covered with water. Still the impending water crisis looms large over the human race. In the light of the above statement, collect information on water crisis - its causes and repercussions. Make a pamphlet of 4 folds and present the information collected.
- Revise Tenses.

Write a story with illustrations using different types of Tenses (Use A4 size sheets)

- Website to learn and practice English grammar – [www.grammarbank.com](http://www.grammarbank.com)
- Read and complete the exercises of Unit- 2 of My English Reader.

## SOCIAL STUDIES

### REPORT-WRITING

Delhi faces major water crisis during summer .Find out the conditions of water supply in your area. Collect data of any ten days indicating date and time of water supply in your area. Give reasons and appropriate solutions to this crisis. (In 200 words)

#### • A Power Point Presentation

**Divide the class into four groups( Roll no wise) and prepare a PowerPoint presentation based on the chapters mentioned below.**

Group 1- -- Chapter 9 – Establishment of Company’s Rule

Group2- -- Chapter 18 – The Union Legislature

Group3- - Chapter 12 – Impact of British Rule on India

Group4- -- Chapter 19 – The Union Executive

Every student must mention the time taken to prepare the presentation.

- **Revise Ch. 1, 8 ,15 and 16**

### हिन्दी

1. जल संरक्षण के आधुनिक उपाय के विषय में चित्र संग्रहित कीजिए और उसका वर्णन अनुच्छेद रूप में लिखें।
2. अभ्यास सागर के पढ़ाए गए पाठों की पुनरावृत्ति कीजिए।
3. अपनी मनपसंद हिन्दी की कोई दो पुस्तकें पढ़िए व उसका मूल भाव संक्षिप्त रूप में लिखिए।

### संस्कृत

1. भारत के मानचित्र पर भारत में बहने वाली नदियों के नाम संस्कृत में लिखकर दर्शाओ।
2. किन्हीं दस सरकारी संस्थाओं / विश्वविद्यालयों के प्रतीक चिन्ह (मोनोग्राम) जो संस्कृत में चिह्नित आदर्श वाक्यों से युक्त हों, आकर्षक रूप में चित्रित करो।

### Road Safety:-

- a. Posters
- b. 1 Min. Movie made by mobile or handcam
- c. Slogans / jingles

### WHEN TO SUBMIT YOUR HOMEWORK

- 2<sup>nd</sup> July, 2015 –Maths, English
- 4<sup>th</sup> July, 2015 –Sanskrit
- 8<sup>th</sup> July, 2015 – Science
- 10<sup>th</sup> July, 2015 – Social Science

### SECTION WISE SUBMISSION

- 4<sup>th</sup> July, 2015 – Hindi – VIII A,B and E
- 6<sup>th</sup> July, 2015 – Hindi – VIII C,D and F

**CHILDREN KEEP YOURSELF SAFE FROM THE HEAT, KEEP WORKING & ENJOY  
YOUR SUMMER HOLIDAY.**

**HAPPY LEARNING!**