

**KALKA PUBLIC SCHOOL**  
**HOLIDAY ASSIGNMENT**  
**MULTIDISCIPLINARY PROJECT**  
**CLASS X (2022-23)**  
**TOPIC – EVERY DROP COUNTS**

Water is the necessity of life. There is nothing like flowing clean water from our taps. But in the recent years the world and particularly India is facing acute water shortage.

**DROUGHT – A MASSIVE DISASTER**

General instructions for the project :-

- Total length of the project should not be more than 20 pages of A4 size (4-5 pages for each subject).
- Project should be handwritten and credit will be given to illustrations and creativity.
- Project should be presented in a neatly bound simple folder.
- Follow the colour code for different subjects.
- Prepare a file folder with index and an attractive cover page.

**SCIENCE (USE LIGHT PINK PAGES)**

- Introduction and causes of drought in India.
- Use of technology in identifying solutions to reduce the impact of drought on Environment.
- Analyse the interrelationship between drought and soil erosion.
- Effect of drought on soil quality

**SOCIAL SCIENCE (USE YELLOW PAGES)**

- On physical map of India mark the areas vulnerable to drought.
- Mitigation strategies to overcome the problem of drought with any case study from India

### **MATHS (USE LIGHT BLUE PAGES)**

- Draw a Bar Graph of Percentage of drought affected States in India in 2015-20.
- Compare the data of two most drought affected countries through Polygon.

### **ENGLISH (USE GREEN PAGES)**

- Make a poster on the topic – ‘SAVE WATER, SAVE LIFE.’
- Write an article on the topic – ‘Drought – a massive disaster. ‘elucidate with clippings and pictures from newspapers and magazines (200 words)
- Write a letter to your friend who lives in Latur district, Maharashtra, convincing him / her about the steps the government is taking to solve the problem of drought. Sign yourself as Rahul / Ranjana living in 20, Bandra (W), Mumbai.

**हिंदी ( सभी कार्य सफेद रंग की A - 4 size शीट पर कीजिए।)**

विषय -- " बाढ़ (flood) एक प्राकृतिक आपदा "

1. दिए गए विषय पर एक अनुच्छेद सचित्र तैयार कीजिए
2. 'बाढ़ ' की स्थिति को कोलाज के माध्यम से दर्शाइये।
3. 'बाढ़ - एक भयंकर प्राकृतिक आपदा ' .....

भारत में इस आपदा का सामना करने के लिए क्या उपाय किए जाते हैं अथवा क्या उपाय किए जा रहे हैं ?

आप के विचार से इस आपदा का सामना करने के लिए और क्या बेहतर उपाय किए जा सकते हैं ? अपने सुझाव दीजिए।

### **INFORMATION TECHNOLOGY:**

**Make a detailed Project Report using multimedia presentation on how can AI prevent water pollution.**