

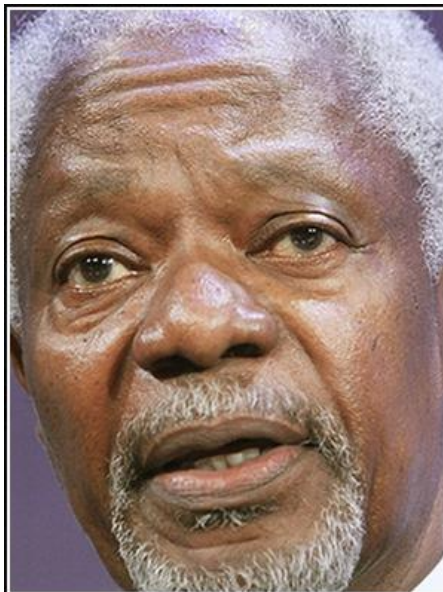


# ITL PUBLIC SCHOOL



## CLASS VI HOLIDAY HOMEWORK (2019-20)

### Goal 6: Clean water and Sanitation



We shall not defeat any of the infectious diseases that plague the developing world until we have also won the battle for safe drinking water, sanitation, and basic health care.

— Kofi Annan —

AZ QUOTES

**(THEME: GOAL 6:CLEAN WATER AND SANITATION)** – Take urgent action to combat climate change and its impacts

At ITL, We aim towards sensitizing our students towards the global issues and prepare them to bring about a positive change towards making the world a better place.

United Nations proposed 2030 Agenda for sustainable development, which includes a set of 17 Sustainable Development Goals. Over the next fifteen years, with these new goals that universally apply to all, countries will mobilize efforts to end all forms of poverty, fight inequalities and tackle climate change by 2030.

This year again, we carry forward our endeavour to work and support UNSDGs. In our effort to appreciate these goals initiated by the United Nations, the Summer Holiday Homework of Class VI has been designed on the lines of the Sustainable Development Goal ‘Clean Water and Sanitation’ SDG no 6.

Water Scarcity affects more than 40 percent of people, an alarming figure that is projected to rise as temperatures do. Although 2.1 billion people have improved water sanitation since 1990, dwindling drinking water supplies are affecting every continent. Sanitation issue is also a major area of concern that needs to be addressed.

Under the same we intend to orient our student on Clean Water and Sanitation through an inter disciplinary, research based, thought provoking project given below

#### **Learning Outcomes**

Students will be able to

1. Understand the Sustainable Development Goal set by the United Nations General assembly.
2. Support the local communities in improving water and sanitation management.
3. Compare the water and sanitation facilities of various countries across the globe
4. Learn to appreciate the gift of human life and the importance of safe drinking water and better sanitation

#### **Guideline for doing the Holiday Homework**

- 1.Prepare a folder using recyclable reusable eco-friendly material and arrange the sheets of all subjects in the same folder
2. Make a neat cover page with your class, section and the theme ‘Clean Water and Sanitation’
3. The work should be handwritten only
4. Use A4 size coloured sheets (Ruled interleaf as required) for doing the same
5. Support your research work with relevant pictures, newspaper articles, magazines, graphs, lab reports, maps, website reference and your individual findings
6. The work should be neat, organised and well presented
7. Arrange the subjects in the order as given below

## SCIENCE

### “Water – The Elixir of Life”

Water, or to be precise clean water is the elixir of life. Pure water is not just essential to public health but also to energy and agricultural production. Unfortunately, there is not enough drinking water to meet the requirements of all the people in the world. By 2025, there will be a major water shortage of clean water in places like Africa, India, China and the Middle East.

Since water is a limited resource and it is important to each of us every day, water conservation is essential.



- Write 7 to 10 preventive measures using coloured pictures with a message to reduce wastage of water in kitchen/ Bathroom/Garden etc. (Roll No 1-13)
- Make a project comparing the methods of conserving water in ancient versus modern times. Also give a reference of “The Great Bath” of Harrappan civilization. Present it in the form of a hand-written report with relevant pictures.(Roll No 14-26)
- Collect information on any three latest techniques of purifying water. Give a pictorial presentation of collected data.(Roll No 27-39)

## SOCIAL SCIENCE

Do research work on the **Clean River Project** initiated by the **Government of India/leader/social activist** on any **one** of the following topics given below

- a) **Namami Gange (Roll No 1 to 13)**
- b) **Narmada Bachao Andolan (Roll No 14 to 27)**
- c) **Yamuna River Project (Roll No 28 to 40)**

Write the **information** related to the chosen topic on the following aspects such as **Year of launch, Expected year of completion of project, Estimated expenditure, Ministry/ leader responsible, Purpose of the project, Achievements and Shortcomings of the Project. Paste relevant pictures** related to project and **locate the river** on the **physical map of India**.

## MATHEMATICS

- 1) Find out the length of any 10 major rivers of India. Represent them on Indian map. Draw a bar graph to represent the above information.
- 2) The following questionnaire has to be administered on your own family and 4 more people in your neighbourhood and the responses have to be reported in the given format. (Use separate sheet for each family)

1. Name of the person
2. Address
3. Number of family members
4. Approximate volume of water consumed in kitchen on daily basis
5. Approximate volume of water consumed in bathroom and washroom on daily basis
6. Approximate consumption of water for auxillary purposes (like washing pets, watering plants, washing cars)
7. Total volume of water consumed on daily basis (Add responses of point 4, 5 and 6)
8. The average volume of water consumed on daily basis by an individual in family (Divide the response of point 7 with total number of members in the family)
9. According to the family members, how can they minimise the wastage of water in their homes.

## ENGLISH

### INSTRUCTIONS-

You may take the help of the internet, newspapers, magazines, encyclopedia to collect information and pictures.

- Label your project appropriately related to the activity in your presentation.
- Make your project presentable and attractive for display.
- Prepare yourself for the presentation in which you are expected to speak about your activity, your learning experience and the change it brought about in you.

### A) ACTIVITY 1 ( Roll No – 1 – 20) COMPOSING A CALLIGRAM

#### MATERIALS REQUIRED –

- Blue pastel sheets
- Coloured pens
- Any decorative materials
- A4 Size sheet(s)
- Marker
- Sketch pens

**PROCEDURE:** Prepare your own **Water Booklet** using white A4 size sheets and paste dark and light blue glaze paper at the bottom of each sheet to give wave effect

- Design an attractive cover page for your water book.
- Your Water Booklet is now ready for writing articles.
- Compose a poem in English on the Usage of Water. (Minimum 12 lines) (Sheet 1)
- Write 5 Amazing Facts related to the theme in a brochure. (Sheet 2)
- Draw any shape associated with water and use all the words related to water and sanitation to design a **CALLIGRAM**. (Sample of calligram given below) (Sheet 3)

**CALLIGRAM** : A word or piece of text in which the design and layout of the letters creates a visual image related to the meaning of the words themselves.

- Write your reflections on the above activity.

Rain  
Like a faucet the water fell. When will it stop?  
I cannot tell. Maybe God should turn  
the spigot, all  
the way to off.

I  
am  
not a  
fish, so  
what I really  
really wish, is once  
this water goes away  
I can go outside to play  
but if this water hangs  
about, I am afraid  
I won't get out

- **Activity to be done in A4 size white pastel sheet(s)**
- It should be handwritten only.
- Each sheet should have a creative border.

B) **ACTIVITY 2** (Roll No – 21 onwards)–**AUTOBIOGRAPHY OF WATER** (in the form of **Photo Essay**)

**MATERIALS REQUIRED –**

- C) Coloured pens
- D) Any decorative materials
- E) A4 Size sheet(s)
- F) Marker
- G) Sketch pens

**PROCEDURE:** Imagine that you are a **magical river** and have lots of beautiful and colourful fish and a variety of flowering plants living in your water.

- Write how you were 20 years ago and mention your present plight.(**Word Limit: 250 words**)
- Paste or draw colourful pictures related to your description.(Sample given below)
- Write your reflections on the above activity.



**Activity to be done in A4 size coloured pastel sheet(s)**

- The sequence of the events in the autobiography has to be captured in the form of a **Photo Essay**.
- It should be handwritten only.
- The photo essay should have a creative border.
- Kindly avoid stickers.

## हिंदी

- अपने दो पड़ोसियों के घर का सर्वे करें और उनका साक्षात्कार लेकर पता लगाएँ कि वे जल की स्वच्छता बनाए रखने के लिए क्या-क्या उपाय करते हैं? वे जल को संरक्षित करने व स्वच्छ बनाए रखने के लिए क्या सावधानी बरतते हैं ? उनके द्वारा बताए गए 4- 4 मुख्य बिंदुओं को लिखें ।
- जीवन में स्वच्छ जल की उपयोगिता और स्वच्छता के महत्व पर एक आकर्षक सूचना देती हुई रिपोर्ट तैयार करें और नदियों के जल की स्वच्छता को बनाए रखने के विषय में आप क्या सुझाव देना चाहते हैं लिखें । इसका आपके स्वास्थ्य, आचार- विचार पर क्या प्रभाव पड़ता है 100 से 150 शब्दों में लिखें । इसे चित्र द्वारा सुसज्जित करें ।
- अपने अनुभव व एकत्रित ज्ञान को कक्षा में सुनाएँ ।

## संस्कृत

ऋग्वेद में आर्यों का निवास स्थान नदियों के किनारे कहा गया है । भारत में नदियों को पवित्र माना जाता है परन्तु आज के समय में मानव इनकी स्वच्छता पर ध्यान न देते हुए इन्हें दूषित कर रहा है । वर्तमान समय में हम नदियों की पावनता को कैसे बचा सकते हैं

- 1) प्रसिद्ध नदियों को चित्र सहित दर्शाते हुए पांच श्लोकों का वर्णन सुन्दर व स्पष्ट शब्दों में करें
- 2) जल संरक्षण के उपायों का सुन्दर चित्र के माध्यम से उल्लेख करें ।

नोट-

इंटरनेट से व पुस्तकों से जानकारी एकत्रित की जा सकती है ।

## FRENCH

Students to make an informative Pamphlet on A4 size coloured sheet, depicting all measures and facilities related to Cleanliness and Sanitation in India with help of colourful pictures. They can use pie charts and graphs also to demonstrate the current statistics of the situation related to the above mentioned topic.

**Note: On the last page, add a Self Reflection Sheet (whatever you have learnt/imbibed from this project) where you write down your learnings in about 100 words.**