



JKGIS

JKG INTERNATIONAL SCHOOL INDIRAPURAM
CLASS-VI
SUMMER VACATION HOME WORK
Session 2024-25

Integrated Project

Aligned with NEP guidelines, we're implementing integrated project-based learning wherein students will prepare project for all the subjects united by a common theme. This approach fosters a deeper grasp of subject matter and illuminates connections between diverse areas of study.

Dear Student
Greetings!!

This holiday season, let's embark on an important journey together. Our mission is exploring one of the most critical global goals: ensuring **Clean Water and Sanitation** for all, as outlined in Sustainable Development Goal 6. This project isn't just about completing an assignment; it's about delving deep into the significance of clean water and sanitation and understanding the essential steps required to achieve this vital goal. So, let's dive in and discover the importance of clean water and sanitation, and together, let's work towards making this crucial goal a reality for everyone.

General Instructions

1. Integrated project of "**Clean Water and Sanitation**" shall be done on A4 size sheet and further to be compiled in single project file.
2. Credit will be awarded to original drawings, illustrations and creative use of materials
3. All homework should be handwritten (except computer) and neatly done.
4. The homework should entirely be done by the child. Parents can only guide, if required.
5. The work needs to be done in the same sequence as mentioned.
6. Students are required to submit their folders of holidays H.W on 1stJuly,2024.

Note:

- * **Holidays home work will be assessed in co-scholastic areas and grades will be awarded for the same in progress report.**
- * **Revise Syllabus of all the subjects for Unit Test-1**
- * **Upon your return to school after the vacation, you are asked to bring plastic waste collected during vacation as part of our sustainability initiative. Students who will participate enthusiastically in this endeavor will be felicitated with a certificate of appreciation for their dedication to creating a sustainable future.**

**Theme: "Clean Water and Sanitation Sustainable
Development Goal 6."**

- **The Quest for Clean Water:**

Design a comic strip illustrating a story or message about the importance of clean water and sanitation. Include characters, dialogues, and visual elements that effectively convey the significance of these issues. How does your comic strip engage the reader and inspire action towards preserving water resources and promoting hygiene practices?

- **A Journey to Cleanliness:**

Imagine you are a drop of water. Write a diary entry describing your journey from a polluted source to a clean water supply, highlighting the challenges and importance of cleanliness along the way.

- **"जल है तो कल है, स्वच्छता को बनाएँ साकार"** स्लोगन पर आधारित एक सुंदर पोस्टर बनाइए। पोस्टर ऐसा होना चाहिए जो लोगों को स्वच्छ जल और स्वच्छता के लिए प्रेरित करे। **(A-3 size sheet)**

- **संवाद लेखन :**

दो व्यक्तियों के बीच एक संवाद लिखें, जो मलेरिया के लक्षण और रोकथाम के उपायों पर चर्चा कर रहे हैं, और स्वच्छ जल और स्वच्छता को बढ़ावा देने के लिए विभिन्न उपायों पर ध्यान केंद्रित कर रहे हैं। आपको सुनिश्चित करना है कि वार्ता में 10 से 15 विनमय हों।

- **Case Study: Water Consumption Analysis in Indian States**

Background: To better understand the water consumption across different states of India, we conducted a study focusing on five states:

Maharashtra, Uttar Pradesh, Tamil Nadu, Rajasthan, and West Bengal.

Given below is the varying population sizes and water consumption patterns in these states:

State	Population (million)	Average Water Consumption per Person per Day (lites)
Maharashtra	120	150
Uttar Pradesh	220	120
Tamil Nadu	80	100
Rajasthan	70	80
West Bengal	100	130

Analysis:

- a) Convert the population of each state in crores.
- b) Find the total consumption of water per day of each state.
- c) Write the total consumption of water (used in b) in descending order .
- d) Which state has the highest total water consumption per day? Write the place value and face value of its lakh place.
- e) Which state has the lowest water consumption per day?
Write its total consumption in words in International System of numeration.
- f) Find the population of 5 states in million. Convert it in Indian system. Write its successor and predecessor.
- g) Find the sum of water used per person per day of given 5 states and round it off to the nearest hundreds.
- h) Write the average water consumption per day of each state in Roman numerals.

Do you think population size (increase /decrease) affect the water consumption of a state?

Search the population of India and round it off to nearest ten crore.

- **Do Sample Paper 1 of Math given in worksheet** folder on A4 white ruled sheets.
- Prepare a questionnaire to **conduct a survey** in your neighborhood on Water Conservation. This will help you to understand current practices and attitudes towards water usage and conservation.
Note: Survey shall be shared with neighbors via google form link and answers to be recorded on A-4 size sheet.
- Make a **creative model to demonstrate water conservation** techniques that can be implemented at home or in your community **making use of waste materials**.
- **Clean Water and Sanitation Action Plan:**
 1. **Research:** Explore why clean water and good sanitation are important for people's health and the environment and also look into how some places have problems getting clean water (for eg. students should research and identify regions or communities that face challenges in accessing clean water and sanitation facilities. They will mention about the causes of these problems, such as pollution, lack of infrastructure, or inadequate resources).

2. **Action Plan:** Implement practical solutions to improve access to clean water for residents
Devise an action plan focused on enhancing access to clean water and sanitation facilities in your local community. (Practical solutions that you can implement, such as raising awareness through distributing posters, flyers, and brochures, exploring water-saving techniques, and educating community members on the importance of river cleanliness.)
How do you intend to execute these initiatives effectively during the holiday period to contribute to improving access to clean water in your community?
 3. **Doing:** Do the things you wrote in action plan and share your ideas in a clear and understandable format such as through drawings, diagrams, or charts.
 4. **Evaluate the effectiveness of your action plan:** Look at what you did. Did it help? If not, what can you do differently next time?
- 'स्वच्छ जल एक आवश्यकता' विषय पर संस्कृत में सचित्र स्लोगन बनाइए। इस स्लोगन श्रृंखला में कम से कम 8 से 10 स्लोगन बनाएँ, जो जल प्रदूषण को रोकने के उपायों पर ध्यान केंद्रित करें।
 - Comment les changements climatiques affectent-ils la disponibilité et la qualité de l'eau dans votre région?

Comment la gestion durable de l'eau et l'assainissement peut-elle contribuer à réduire la pauvreté?
 - Create a **PowerPoint Presentation** focusing on how technology can contribute to addressing challenges in the area of "**Clean Water and Sanitation**".