

BCM SCHOOL, BASANT AVENUE, DUGRI ROAD LUDHIANA

Ek Bharat Shreshtha Bharat

***Inter-Disciplinary Project
Class – VII***



Water Conservation



Water is the most important natural resource that living things need. But at the same time, it is misused and wasted.

Water conservation means using water wisely and not contributing to unnecessary wastage.

Click on the link to watch a video

<https://youtu.be/bASPow2VtYc>



Dear Students

You are at liberty to use your creativity in the presentation of your holidays homework. You can do your homework in any form given below:

- Video/ Audio clip
- PPt
- Model
- Rap song
- Story
- Picture Presentation
- Infographics
- Posters
- Drama
- Scene creation
- Magazine
- Folders
- Brochure or any other form.

You are also free to submit. your holiday homework individually or in group of two or three.

It must include:

- ❖ The Govt of India has initiated with JAL JEEVAN Mission to conserve water. Kindly search about the following facts about the program:
 - What is Jal Jeevan Mission
 - Steps taken so far
 - Vision of Jal Jeevan Mission (JJM)
- ❖ Brief reporting on Water conservation being run in Odisha and Punjab
- ❖ जल संरक्षण पर नारा लेखन करते हुए सचित्र पोस्टर बनाएं।
- ❖ Stick figure ਦੇ ਰਾਹੀਂ ਪਾਣੀ ਦੀ ਸੰਭਾਲ ਦੇ ਸੰਵਾਦਾਂ ਨੂੰ ਦਰਸਾਉਂਦੀ ਇੱਕ ਚਿੱਤਰ ਕਥਾ ਤਿਆਰ ਕਰੋ।
- ❖ Make e-poster on Water Conservation in vistacreate

In order to boost water conservation and rain water harvesting in the country, Ministry of Jal Shakti has taken up a nationwide campaign “Jal Shakti Abhiyan - Catch the Rain” with the theme “Catch the rain, where it falls, when it falls”. The main source of water conservation in Odisha is rivers. Odisha is drained by 11 major rivers and their tributaries, which are clearly separated by high ridges. Mahanadi is one of the major river in Odisha. Let’s explore catchment area of some rivers and complete the following table:

Sr. No.	Name of river	Catchment area(in sq. Km.)	Length inside Odisha (in km.)
1.	Mahanadi	65,628	494
2.			
3.			
4.			
5.			
6.			



Based on above information, answer the following questions :

- Find the average length of above five mentioned rivers.
- Find the ratio of lengths of any two rivers.
- Arrange the names of river in descending order according to their catchment areas.
- Express the ratio of catchment areas of any two rivers and also write it in fractional form and reduce it to simplest form.
- Convert the length of the smallest river in decimeter.



- Bhubaneswar the capital city of Odisha, that has been ranked no.1 in the most optimistic smart city campaign of Government of India and protection of natural environment, is a prerequisite of a smart city. City has a sustainable plastic waste management system. Lets see how much plastic we are using every day which is polluting Smart city of Punjab i.e. Ludhiana. For a week observe how many polythene bags, plastic bottles or any other one time usable plastic comes to your home. After your observation, fill the Survey.

- ***Click on the link to fill the survey-***

<https://www.surveymonkey.com/r/XBTGRVQ>

- ***GROCERY CLOTH BAG MAKING- Make a Grocery cloth bag or you can purchase a cloth bag from supermarket and paint it with JHOTI CHITA, MURUJA ART .***

- *Purpose of making bag is to encourage sustainable living. Following link will guide you how to stitch the bag.*

- ***<https://www.needlepointers.com/main/youtubecontent.aspx?youtubepageid=7>***





Links for your reference:

- <https://youtu.be/CQsbVcwlA4g>
- <https://youtu.be/oTfA3rE5EgA>

