

ASN SR SEC SCHOOL

CLASS:IXA and IXB
HOLIDAY HOMEWORK

1. Investigate and prepare a model on how deficit irrigation can be managed.
2. Investigate and prepare a model on how water can be conserved. (Eg:Washing Vehicles)On your lawn or other green areas.
3. Coal fly ash a bi product of many industries can be put to use and Portland cement be replaced. List the uses of fly ash bricks and how they can save the environment.(Brochure or pamphlet)
4. “ mashable.com” Visit the website, get ideas about urban garden on wheels and prepare a model (Car Oasis).
5. Pina Cloth- Cloth made out of Pineapple. Prepare a model.
Talk about its (i)Production,
(ii)Uses in ppt.
6. Water conservation in ancient times helped civilizations to survive. They used many ways to conserve water and the methods were multipurpose. Investigate, collect information and prepare a model on:-
(i)Ahar pynee (ii)Panam Keni (iii)Step wells in Gujurat (Adalaj)
(iv)Bhandana Phad (v)Zing (vi) Zabo
(vii)Jackwells etc Link them to river rejuvenation of that particular area.
7. Geotextile is used for:
 - Water percolation and retention.
 - Preventing land slides.
 - As storm barriers.
 - Erosion control.
 - Used as fossil protectors.
 - As slope stabilizers.

Prepare a model on each use.(Our school ground is an example)

8. Plastic waste is being generated on a large scale and as it is non-biodegradable, it is adding to the trash on earth. What best use can it be put to?

Answer the question by preparing:

- Pamphlets
- Folders
- Flash Cards
- Posters
- PPTs

9. Used Motor Oil and Antifreeze can be recycled. What use can it be put to?

Answer by making :

- Pamphlets
- Folders
- Flash Cards

10. Vertical forests to remove smog. Prepare a model using the plants that actually do that. The model should have proper plants.

11. Milk is good for the soil too. Investigate and grow a plant using this property.
[Milk spilled on Shiva's Idol in temples can be directed to flower beds]

12. Prepare herbal colours from used flowers, those which are used as garlands in temples etc.

- Marigold
 - Rose
 - Green leaves
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- Complete project must be presented through **Sway presentation** by creating your login on **<https://sway.com/>** as discussed in the class.