

ASN SENIOR SECONDARY SCHOOL

MAYUR VIHAR-1

SCIENCE PROJECT HOLIDAY HOMEWORK

CLASS 10 A

Lets work together in groups and make some working model which help India to be Swacch Bharat soon. All students have to prepare **working model** on the following topic which is assigned to Students in a group. Also prepare chart, PPTX and project file which illustrate function, applications, working and construction of your model.

Note: -

- Students are divided into groups to work on the assigned projects.
- Use of biodegradable material should be there.

TOPICS

1. Cauking and weather shipping are innovative ways of waste reduction. Investigate and prepare flash cards showing two techniques
2. “ mashable.com” Visit the website, get ideas about urban garden on wheels and prepare a model (Car Oasis).
3. 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
4. Water purifying bacteria are used in many industries to keep their waterbodies clean. Investigate on the type of bacteria and prepare a PPT. On it.
5. Vertical forests to remove smog. Prepare a model using the plants that actually do that. The model should have proper plants.
6. Sustainable management of industrial waste - prepare a model on it.
7. Complete project must be presented through **Sway presentation** by creating your login on <https://sway.com/> as discussed in the class.