

# **WORLD SPACE WEEK 2018**

## **SAT FROM TRASH COMPETITION**

SPACE invites entries for the annual **WSW “Inter-School SAT from Trash Competition” for students of classes 5<sup>th</sup>-10<sup>th</sup>**. School students make satellites using common trash, and participate in a friendly competition.

**About the Competition:** A team of students will prepare a model of satellite from trash, where ***trash stands for any in-expensive, discarded material with no utility.***

**Note: Use of any kind of batteries, electronic and electrical gadgets are prohibited.**

**Theme: Space Unites the World**

This an outward facing theme that serves to inspire the population through putting the spotlight on the potential of space related activities in uniting the world, and creating relationships that extend beyond national borders. It highlights space missions that were celebrated by people all around the world like moon landing; concrete space projects that facilitate the union of two or more nations to achieve a common goal such as Cassini-Huygens mission to Saturn, and big goals such as the Space X mission to Mars.

**Number of participants in a team:** Minimum 3 and maximum 5 from class 5<sup>th</sup> to 10<sup>th</sup>.

**Categories:**

Group 1: 5th-6th

Group 2: 7th-8th

Group 3: 9th-10th

**Time duration:** According to conduction duration at the venue

**Materials to be used / not to be used in the satellite model:**

To be used	Not to be used
<ul style="list-style-type: none"> <li>● Ice cream sticks</li> <li>● Aluminum Foils</li> <li>● Tooth picks</li> <li>● Tissue papers</li> <li>● Empty plastic bottles</li> <li>● Straws</li> <li>● Match boxes</li> <li>● Empty unused small boxes</li> <li>● News Papers</li> <li>● Corks</li> <li>● Any type of trash material</li> </ul>	<ul style="list-style-type: none"> <li>● Scissors</li> <li>● Blades</li> <li>● Knives</li> <li>● Motors</li> <li>● Lights</li> <li>● Batteries</li> <li>● Electronic Gadgets</li> <li>● Electrical Gadgets</li> <li>● Any other object which is flammable or sharp</li> </ul>

**Note:**

- You can use any kind of colour or other decorating material to decorate your satellite.
- You can use any kind of binding agent or glue to make your satellite.
- Scissors and Cutters are allowed only for cutting purpose.

**To be kept in mind during model making:**

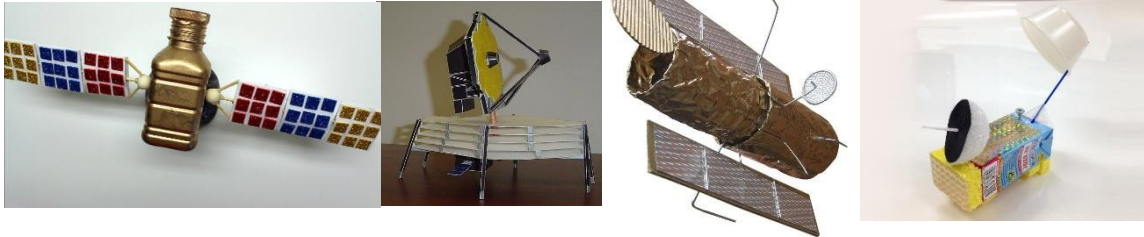
- The model should not be a working model.
- The model should contain all the essential parts of a satellite.

- The students should be able explain about the model, its parts and purpose. They have room for creativity and originality too.
- The satellite model should have a relevant name.
- The model should not exceed the dimension of 1ft X 1ft X 1ft.
- Replica models of famous satellites are also acceptable.

**Judging Parameters:** The models will be judged on the following parameters.

- Essential Parts of a satellite
- Creativity
- Presentation of model
- Explanation about the satellite model

**Photographs of satellite models as examples:**



**Important parts of satellites:** For technical information about parts of a satellite, refer the below links:

- <https://go.nasa.gov/2eXNYFh>
- <http://bit.ly/2eXlnjh>

**In case of any other queries email SPACE at [outreach@space-india.com](mailto:outreach@space-india.com)**