



St. Mary's Public School Neb Sarai, New Delhi



Developing
Scientific
Temperament

Hands-on Activities!



☞ Students organized thought and translated into action by demonstrating various hands-on activities of science. They exhibit a zealous enthusiasm to strive for the cause of scientific enterprise. The hands on activities inculcate scientific attitude and provide opportunities for training in the scientific method. The students of 6th and 7th performed various activities, related to their syllabus, and explained them to their fellow friends. This proved as an innovative technique of revision in a non-conventional manner. The demonstrations done by the students helped in developing habits of exploration and creative environment.



Plants our Life



- Due to deteriorating air quality conditions in Delhi in the month of November and December. As we know plants are air purifier, Science department of St. Mary's Public School decided to do a plantation drive in school premises. Students of class 6th and 7th enthusiastically participated in this drive.



Body Movements



Identify scientific reason behind the activities:

- Types of joints and their movements.
- Location of joints in human body.

YouTube Link:

1. <https://www.youtube.com/watch?v=zXxw4qpGZJg>
2. https://www.youtube.com/watch?v=A_Q4fIQQHhQ
3. <https://www.youtube.com/watch?v=1ePX6k1qsZ8>
4. <https://www.youtube.com/watch?v=0tyAeldxvc4>



Air Around Us



Identify scientific reason behind the activities:

- Air fills space
- Presence of Oxygen in air
- Air has weight

YouTube Link :

<https://www.youtube.com/watch?v=7wivSi38Rl0>



Electricity and Circuit



Identify scientific reason behind the activities:

- Construct an electric circuit showing basic electric components used.
- Observe whether the given material allow current to pass or not.

YouTube Link :

<https://www.youtube.com/watch?v=Axu2vvEt-f0>



Transportation in Plants



Identify scientific reason behind the activities:

- Process of Osmosis



Light



Identify scientific reason behind the activities:

- Rectilinear propagation of Light
- Image formed by mirrors and lenses.
- White light consists of seven colors.

