

SCIENCE ACTIVITY WEEK

06 – 10 FEBRUARY 2025

"Equipped with his five senses, man explores the universe around him and calls the adventure science"
~Edwin Powell Hubble

TAFS junior wing conducted the science activity week for classes UKG to V between 06 to 10 February 2025 on different themes for different classes. As part of the celebrations science related activities were held during the week. The aim of celebrating science week was to develop scientific temperament amongst the students and also to display the fun side of science. Various hand-on activities were conducted to impart experiential learning and children enjoyed all the activities thoroughly.

Class UKG did the activity 'Touch and Feel'. Through this simple activity, children touched and felt different kinds of surfaces like smooth, bumpy, rough, spongy, soft etc. This activity helped children to feel their sense of touch and they could gather information about different people and things around them.

Class 1 students did the activity 'Float or Sink'. They were given real objects that sink (rajma seed, eraser, sharpener, stone etc.) or float (plastic ball, straw, leaf etc.). They separated the things that sink or float and made an observation table. Through this simple experiment they observed why some things float while others sink.

Students of **Class 2** did the activity 'Fun Plant Experiment'. Through this simple experiment children learnt how plants absorb water from the soil through capillary action. They observed this by using tissue paper, colours and a glass of water. The water travelled up the tissue paper making the colours spread. This was real magic and fun for them.

A 'Walking water' experiment was conducted by **Class 3** students that demonstrated the phenomenon of capillary action, where water seemingly walks from one container to another by travelling through the fibres of a paper towel, effectively defying gravity. Through this demonstration, children learnt about a vital process in plants for water transport from roots to leaves.

Class 4 students did the activity 'String around Trees'. The students used a string to measure the girth of different trees in the school premises. They also found out the common and scientific names of the trees, shape of their leaves and any insect, bird or animal found on each tree. Through this simple observation, children were able to tell different types of trees found in school premises. It was a very fun-filled activity for them.

Class 5 students conducted a light refraction experiment 'The Magic Arrow'. A large arrow was drawn on paper and placed behind a transparent glass or bottle filled with water. When observed through the glass, the arrow appeared to flip and point in the opposite direction as the glass was moved. The activity effectively illustrated the concept of bending light and optical illusions, making learning fun and interactive. The week was a success as the students enjoyed the activities. It was fun learning for the students and

provided them opportunity to develop scientific attitude.