

# RAM Maths Circle

Date: August 05, 2023

Swami Vivekanand School, Dombivli

The students were divided into eight groups. Each group was given a **Jodo Straws** kit. Each kit had straws of different sizes and various types of connectors. Students were asked to make **3D shapes** using the tools provided such that all sides of the connector were covered by the straws. As a warm-up, the facilitators asked students to make a cube. Later, students started using their innovations and imaginations. They enjoyed making some of the usual shapes, such as a pyramid, rectangular pyramid, diamond, pyramid over a cube, etc., and some students made some abstract shapes, unassuming stars, platonic solids and huge open-faced shapes (E.g. lid, crown). Following this, the facilitators asked the students to write down the number of sides, faces, and vertices of all the shapes they created, which would be discussed in the later sessions.

