



## D.A.V. PUBLIC SCHOOL, THANE

### SESSION: 2024 – 2025

### ARYABHATTA CLUB ACTIVITIES

The Aryabhata Club activities were conducted for std 1 to 5 in the month of October 2024. Various activities were taken up to connect Mathematics with real world. Students had an enriching experience of the maths around them and integrating the concepts in their day-to-day activities. The club activities encouraged children to explore their talents and creativity to present the topics assigned to them. Here are some glimpses of the activities conducted:-

#### **STD3: WHEEL MEASUREMENT**

Measurement is an important mathematics skill which every learner should be aware off. In order to make the learners known with standard measurements an activity on wheel measurement was conducted wherein each and every student got the opportunity to show hands-on skill that helped them to blend learning with fun, creativity, understanding and also modeling to find solutions. Students presented the activity by learning new vocabulary on measurement and solving some quick rapid round puzzle based on the concept. The wheel was made in a round size circle and quiz questions were solved in an A4 size paper. The results were declared based on the knowledge used by the students, the innovation shown, the conceptual clarity of the concept among the students. It was a fun flourished activity with quality learning.



#### **STD: 4 "FRACTION ARTISTRY - TRANSFORMING PARTS INTO ART"**

Fraction Artistry activity was designed to enhance students' understanding of fractions through an artistic approach, combining Math with creativity. The theme brought fractions to life as students crafted captivating artworks by skilfully incorporating fractional parts to form various shapes and designs. Each artwork showcased a deep understanding of fractions as students transformed simple concepts of half, quarter, three fourth etc. into intricate designs and colorful patterns using vibrant colours and unique designs.

This hands-on activity helped students visually grasp the concept of dividing a whole into parts and applying these fractions in an enjoyable and practical way. The activity proved to be an unforgettable fusion of Math and Art, as students discovered how fractions could shape beautiful creations. This activity was a fantastic journey of learning, creativity, and excitement, leaving students inspired and more confident in their understanding of fractions.



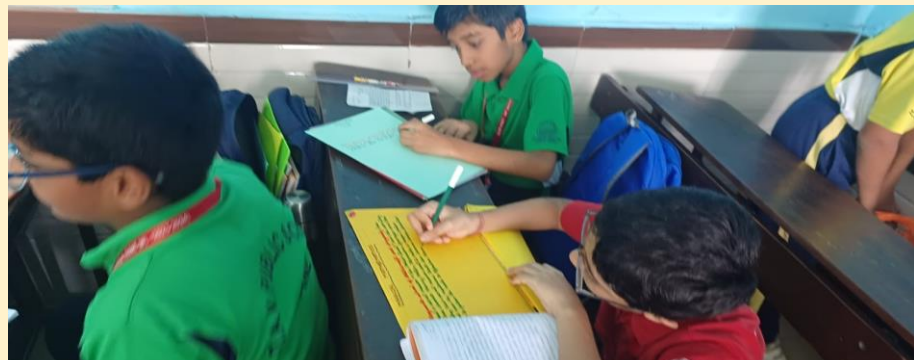
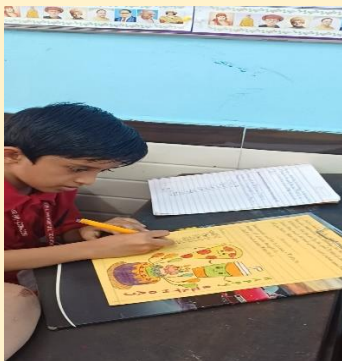


This hands-on activity helped students visually grasp the concept of dividing a whole into parts and applying these fractions in an enjoyable and practical way. The activity proved to be an unforgettable fusion of Math and Art, as students discovered how fractions could shape beautiful creations. The event concluded with a display of the students' masterpieces, a testament to their newfound skills and imagination. This activity was a fantastic journey of learning, creativity, and excitement, leaving students inspired and more confident in their understanding of fractions.

**Learning Outcomes:** - Students gain a solid grasp of fractions like halves, quarters, and three-quarters by visually and practically applying these concepts in their artwork. This hands-on, enjoyable approach builds students' confidence in using fractions and applying them in real-world scenarios. In their vibrant artwork, students unleash their creativity and individuality, revealing the everyday magic of fractions and their relevance in the world around them.

### **STD 5: WORD A PROBLEM**

Students were asked to create a word problem based on the concepts of Multiplication and Division of Decimal Numbers. The objective of this art of framing word problems was to foster a love for the subject, provide a platform for the students to explore mathematical concepts beyond the classroom, and develop critical thinking and problem - solving skills.



Overall, the Mathematics Club activities created a supportive environment where students learnt to connect the topics with the outside world, integrate with other subjects and also appreciate the beauty of mathematics together.