

RAM Maths Circle

January 18, 2026

Nagpur

Introduction

In this session, students explored Mountain Numbers. Mountain numbers are numbers or number patterns that increase to a highest value and then decrease, forming a shape similar to a mountain. The lesson helped students understand and identify mountain numbers by recognizing number patterns that increase to a highest point and then decrease, thereby improving their number sense and logical thinking skills.

Exploration

Students first brainstormed what mountain numbers really are before the concept was introduced. During this process, they were also able to make sense of valleys and plateaus on their own, using the same visualization. Overall, it was fun with logical thinking.

Problems:

Determine the total number of possible mountain numbers of 3-digit, 4-digit, and 5-digit lengths.