

# WORLD MATHS DAY – IDEAS BANK

A continuous collection of classroom and whole school ideas to explore mathematical thinking and problem solving. Suitable across primary and secondary phases.

## About World Maths Day

- Celebrated each year in March
- Encourages students to explore the importance of mathematics in everyday life
- Promotes curiosity, logical thinking and problem solving
- Highlights the role mathematics plays in science, technology and society
- Provides an opportunity for schools to celebrate mathematical learning

## Whole School / All Through Ideas

- Introduce the day through an assembly exploring how maths appears in everyday life
- Organise school wide maths challenges or puzzles
- Display mathematical patterns and puzzles around the school
- Encourage students to share strategies for solving problems
- Reflect on how maths helps people understand the world
- Explore the role mathematics plays in technology and science
- Celebrate famous mathematicians and their discoveries
- Promote curiosity and logical thinking

## Primary Ideas

- Solve simple puzzles and number challenges
- Explore patterns in shapes and objects
- Create colourful number posters
- Build shapes using classroom materials
- Play maths games focusing on counting and patterns
- Explore measurement through practical activities
- Design simple number challenges for classmates
- Create displays celebrating numbers and patterns

## Secondary Ideas

- Explore complex puzzles or logic problems
- Investigate how maths supports scientific discoveries
- Analyse data and interpret graphs
- Debate the importance of mathematics in modern technology
- Explore mathematical patterns in nature
- Research famous mathematicians and their contributions
- Solve real world problems using mathematical models
- Reflect on how mathematical thinking supports decision making

## **Cross Curricular Links**

- Maths, problem solving and logical reasoning
- Science, measurement and data analysis
- Technology, algorithms and computational thinking
- Geography, analysing data and statistics
- Economics, interpreting numerical information