Math's and Numeracy Curriculum Journey Flourish

Reached a roadblock?

1. **Stop. Take a breath. Talk to a team member,**
2. **Decide what it is you need help with,**
3. **Work with your team to overcome the barriers.**

Back on track…

Apply

Frameworks

Creativity

In real life

Applying skills across contexts, themes and in the community.

Review, reflect and plan the next steps.

Next Steps

1.Consolidate

2.Extend

3. 14-16 pathway

Consolidate

Geometry focuses on relationships involving shape, space and position, and measurement focuses on quantifying phenomena in the physical world.

Time: digital / analogue, interpret information (e.g., schedules), and apply in practical contexts.

Shape: 2D and 3D, perimeter, area and volume.

Movement, direction: Grid references, angles, rotation.

Explore

Statistics represent data, probability models chance, and both support informed inferences and decisions.

Data collection: Develop breadth and depth of relevant, purposeful information.

Represent data: Select and construct charts, graphs; with suitable scales.

Interpret Data: extract, interpret and make conclusions; apply to a growing range of information.

Explore and explain patterns of numbers, shapes, sequences and spatial patterns in words and by generalising them.

Engage

Algebra uses symbol systems to express the structure of mathematical relationships.

Demonstrate understanding of input, application of rules, and output using, for example, a function machine.

Use formulae to solve problems, represent variables and unknowns using symbols and letters, solves simple algebraic equations.

The number system is used to represent and compare relationships between numbers and quantities.

Money: + and – to £100, budgeting and money management, profit and loss.

Arithmetic: range and mental strategies, x and ÷, ratio and proportion,

Numbers: Big, squared and root numbers, fractions, decimals, percentages.

Attend

Start your journey:

Transition, strengths and support needs, interests, themes! Set individual learning targets and take them on your journey.

Explore:

Human rights education and the United Nations Convention on the Rights of the Child (UNCRC)	
Diversity	Careers and work-related experiences
Local, national, and international context	Relationships and sexuality education