

Mathematics Curriculum Map 2026-27

Mathematics – Our Why?

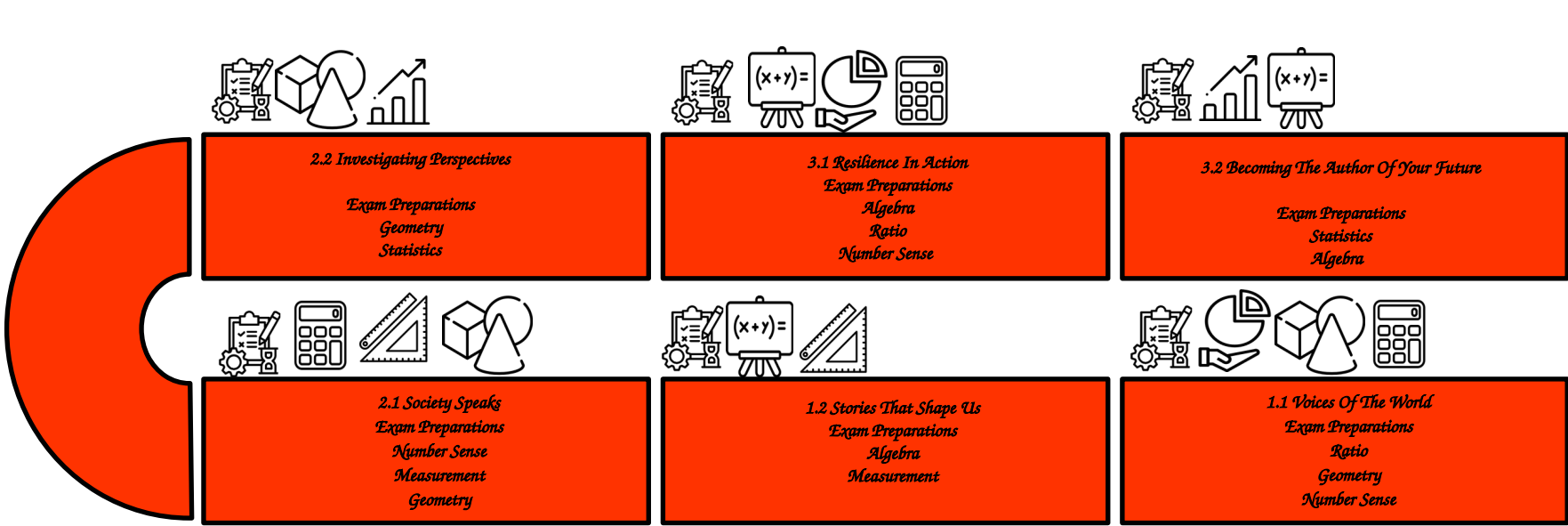
At Discovery Academy, Mathematics is a fundamental component of preparing our pupils for adulthood and supporting lifelong learning. Our aim is to foster a genuine enthusiasm for the subject by providing high-quality resources and carefully scaffolded learning experiences through personalised, high-quality first teaching. Our spiral curriculum is designed to build progressively, term by term and year by year, using a small-step approach that enables pupils to develop secure mathematical understanding. This structure equips them with the knowledge and skills needed to apply mathematical thinking confidently in real-world contexts. Pupils deepen their understanding through our carefully linked statements, which ensure coherence, continuity, and meaningful progression across all areas of mathematics.

Big Ideas promoted in our Mathematics Curriculum



Substantive Concepts of our Mathematics Curriculum

	Number	Counting and developing fluency in number skills through the application of using patterns, place value and solving problems. Becoming proficient in money handling situations.
	Measurements	Comparing and describing practical problems involving length, height, capacity, volume and time
	Geometry	Using and applying positional, sequencing and reasoning skills.
	Statistics	Developing skill in obtaining, analysing and developing patterns and assumptions on data.
	Ratio & Proportion	Exploring the value between two amounts showing the impact that it has on the chosen subject.
	Algebra	Develop and explore how letter and symbols can be used to solve problems
	Exam Preparations	Applying methods, analysing questions, explaining reasoning, solving problems under time pressure to build fluency and confidence.





2.2 Power & Conflict
Statistics
Algebra
Exam Preparations



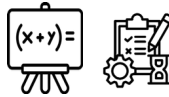
3.1 Resourcefulness & Resilience
Number Sense
Measurement
Ratio



3.2 Identity
Statistics
Geometry
Exam Preparations



2.1 Social Divides, Rich & Poor
Number Sense
Geometry



1.2 A Christmas Carol
Algebra
Exam Preparations



1.1 Macbeth
Number Sense
Measurements
Ratio



2.2 Blood Heart
Number Sense
Statistics
Exam Preparations



3.1 Road Trip USA
Number Sense
Statistics
Measurements



3.2 I Am Warrior
Number Sense
Geometry
Exam Preparations



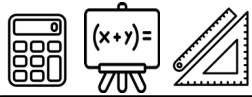
2.1 Tremors
Number Sense
Geometry
Measurement



1.2 Spirit
Number Sense
Statistics
Exam Preparations



1.1 Gods & Mortals
Number Sense
Geometry



2.2 Heroes & Villains
Number Sense
Algebra
Measurement



3.1 Scream Machine
Number Sense
Statistics



3.2 Allotment
Geometry
Algebra



2.1 Peasants, Princes & Pestilence
Geometry
Statistics



1.2 1066
Number Sense
Ratio/Proportion
Measurement



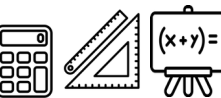
1.1 Stargazers
Statistics
Ratio/Proportion



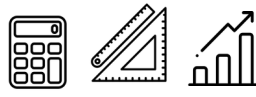
2.2 Urban Pioneers
Number Sense
Geometry
Ratio



3.1 Moon Zoom
Number Sense
Statistics



3.2 Interconnected World
Number Sense
Measurement
Algebra



2.1 Predator
Number Sense
Geometry
Statistics



1.2 Tribal Tales
Number Sense
Geometry
Algebra



1.1 Ancient Egyptians
Number Sense
Statistics
Ratio



2.2 Playlist
Number Sense
Measurements



3.1 Beat, Bangs & Boogie
Number Sense
Geometry



3.2 Blue Abyss
Number Sense
Statistics



2.1 Our Changing World
Number Sense
Geometry



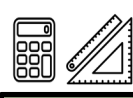
1.2 Traders & Raiders
Number Sense
Statistics



1.1 Bright Lights Big City
Number Sense
Measurements



2.2 Rio De Vida
Number Sense
Geometry – Shape/Position & Direction



3.1 Enchanted Woodland
Number Sense
Measurement



3.2 Our Wonderful World
Number Sense
Statistics



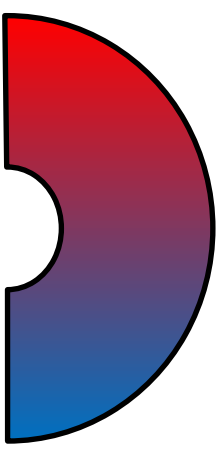
2.1 Paws, Claws & Whiskers
Number Sense
Measurement



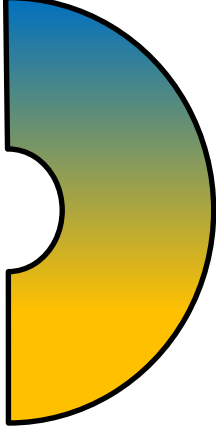
1.2 Team
Number Sense
Geometry - Shape



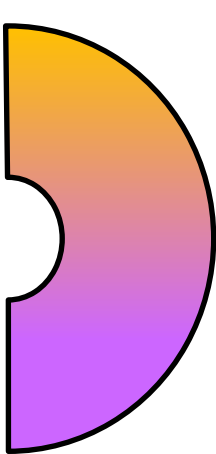
1.1 Memory Box
Number Sense
Measurements



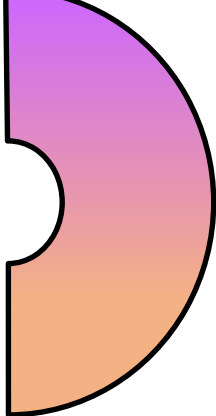
Eclipse
& Orbit



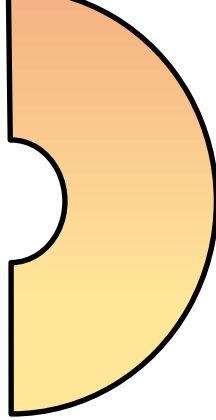
Nebular



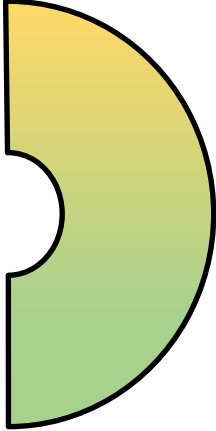
Stars &
Twilight



Nova &
Lunar



Comets &
Astro



Rockets