Mathematics Curriculum Map

Mathematics – Our Why?

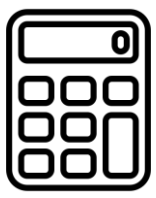
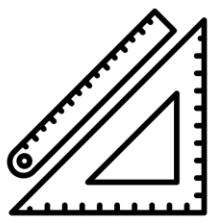
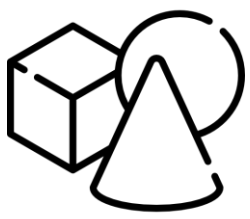
At Abbey School, mastery and fluency are the golden thread that run throughout our mathematics curriculum from Lower School to Post-16. Using the NCETM Mastering Number programmes and a mastery approach, pupils develop secure number sense, mathematical confidence and deep understanding through carefully sequenced learning, regular retrieval and meaningful application. Key concepts are revisited and built upon over time, enabling pupils to move from fluency and understanding, to reasoning, problem-solving and independent application. Whether pupils are learning early number concepts, preparing for qualifications or developing skills for adulthood, our curriculum ensures mathematics is seen as a meaningful life skill that supports confidence, independence and future success.

Please note: The Curriculum Map begins with L1 at the bottom of this document

Big Ideas promoted in our Mathematics curriculum



Substantive Concepts of our Mathematics Curriculum

Number		Counting and developing fluency in number skills through mastery number and the application of using patterns, place value and solving problems.
Measurement		Comparing and describing practical problems involving length, height, capacity, volume, time and becoming proficient in money handling situations.
Geometry		Using and applying positional, sequencing and reasoning skills.
Statistics		Developing skill in obtaining, analysing and developing patterns and assumptions on data.
Ratio and 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

Maths Curriculum WAVEE Post 16 Hub, Horizon Hub and Upper School

Maths Curriculum Map Upper School and Horizon Hub

U5

2.2 U5 GCSE: Graphs and Geometric Relationships Entry Level: Shape, Space and Geometry	**3.1 U5 Exam Prep** GCSE: Statistics and Probability Entry Level: Handling Data	**3.2 U5 Exam Prep** GCSE: Applying Mathematical Knowledge Entry Level: Functional Problem Solving
2.1 U5 GCSE: Algebraic Representation Entry Level: Time and Measure	**1.2 U5** GCSE: Geometry and Measure Entry Level: Money and Budgeting	**1.1 U5** GCSE: Number and Proportion Reasoning Entry Level: Number

U4

2.2 U4: Global Connections: Exploring An Interconnected World Fractions, Decimals and Percentages Algebra	3.1 U4: Conflict, Resilience and The Human Experience Shape and Measure Ration and Multiplicative Thinking	3.2 U4: Art For Change: Creativity and Sustainability Statistics and Graphs Financial Mathematics
2.1 U4: Sustaining Life: Ecosystems and Biodiversity Multiplication and Division Pattern	1.2 U4 Stories Of People: Identity, Culture and Representation Algebra Fractions, Decimals and Percentages	1.1 U4: Community, Identity and Impact Place Value Addition and Subtraction

U3/H2

2.2 U3 /H2:States of Matter Position, Direction and Coordinates Algebra	3.1 U3 /H2: Blood Heart Shape and Measure Ration and Multiplicative Thinking	3.2 U3 /H2: Tomorrows world Statistics and Probability Financial Mathematics
2.1 U3 /H2: Off with her Head Multiplication and Division Fractions, Percentage and Decimals	1.2 U3 /H2:Our changing world Algebra Statistics and Data Handling	1.1 U3/H2: Road Trip USA Place Value Fractions, Percentage and Decimals

U2

2.2 U2: Allotment Measurement Ratio and Multiplicative Thinking	3.1 U2: Misty Mountain, winding River Fractions, Percentage and Decimals Statistics and Data Handling	3.2 U2: Ancient Civilisation Algebra and Pattern Statistics and Probability
2.1 U2: Alchemy Island Multiplication and Division Addition and Subtraction	1.2 U2:Gallery Rebels Addition and Subtraction Shape	1.1 U2: Traders and Raiders Place Value Fractions, Percentage and Decimals

U1/H1

2.2 U1/H1: Moon Zoom Measure Multiplication and Division	3.1 U1/H1: Fractions, Percentage and Decimals Algebra	3.2 U1/H1: Shape Statistics and Data Handling
2.1 U1/H1: Food For Life Multiplication and Division Addition and Subtraction	1.2 U1/H1: Revolution Addition and Subtraction Place Value	1.1 U1/H1: Trailblazers, Barrier Breakers Place Value Pattern, Position and Direction

Maths Curriculum Map Lower School

L6

2.2 Rocks, relics and rumbles Year 2 Mastery Number Wk 17-21 Alegebra	3.1 Predator Year 2 Mastery Number Wk 22-26 Pattern, Position and Direction Shape	3.2 Urban Pioneer Year 2 Mastery Number Wk 27-31 Time Statistics
2.1 L6: Eat well cook well Year 2 Mastery Number Wk 12-16 Fractions Money	1.2 L6: Gods and Mortals Year 2 Mastery Number Wk 7-11 Multiplication and Division Measurement	1.1 L6: Spirit Year 2 Mastery Number Wk 1-6 Place Value Addition and Subtraction

L5

2.2 L5: Bright Lights Big City Year 2 Mastery Number Wk 17-21 Addition and Subtraction Statistics	3.1 L5: Blue Abyss Year 2 Mastery Number Wk 22-26 Shape Position and Direction	3.2 L5: Funny Faces And Fabulous Features Year 2 Mastery Number Wk 27-31 Money Time
2.1 L5: Playlist Year 2 Mastery Number Wk 12-16 Multiplication and Division Fractions	1.2 L5 Fallen Fields Year 2 Mastery Number Wk 7-11 Multiplication and Division Measurement	1.1 L5 Scream Machine Year 2 Mastery Number Wk 1-6 Place Value Addition and Subtraction

L4

2.2 L4: Paws claws and whiskers Year 1 Mastery Number Wk 17-21 Fractions Time	3.1 L4: Our Wonderful World Year 1 Mastery Number Wk 22-26 Statistics Money	3.2 L4: Rio Da Vida Year 1 Mastery Number Wk 27-31 Position and Direction Shape Measurement
2.1 L4 Enchanted woodland Year 1 Mastery Number Wk 12-16 Multiplication and Division Shape	1.2 L4: Memory box Year 1 Mastery Number Wk 7-11 Multiplication and Division Measurement	1.1 L4: TEAM Year 1 Mastery Number Wk 0-6 Place Value Addition and Subtraction

L3

2.2 L3: Animal Parts Year 1 Mastery Number Wk 17-21 Fractions Money	3.1 L3: Plant Parts Year 1 Mastery Number Wk 22-26 Fractions Time	3.2 L3: Build It Up Again Year 1 Mastery Number Wk 27-31 Shape Position and Direction
2.1 L3: Puppets and Popups Year 1 Mastery Number Wk 12-16 Multiplication and Division Statistics	1.2 L3:Winter Wonderland Year 1 Mastery Number Wk 7-11 Addition and Subtraction Measurement	1.1 L3: Marvelous machines Year 1 Mastery Number Wk 0-6 Place Value Addition and Subtraction

L2

2.2 L2: Ready Steady Grow Reception Mastery Number Wk 16-20 Money	3.1 L2: Sunshine and Sunflowers Reception Mastery Number Wk 21-25 Fractions	3.2 L2: Moving On Reception Mastery Number Wk 26 Time
2.1 L2: Puddles and Rainbows Reception Mastery Number Wk 11-15 Measurement	1.2 L2: Dangerous Dinosuars Reception Mastery Number Wk 6-10 Position and Direction Statistics	1.1 L2: Let's Explore Reception Mastery Number Wk 1-5 2D and 3D Shapes

L1

2.2 L1: Build It Up Reception Mastery Number Wk 16-20 Money	3.1 L1: Once Upon A Time Reception Mastery Number Wk 21-25 Money	3.2 L1: Splash Reception Mastery Number Wk 26 Time
2.1 L1: Starry Night Reception Mastery Number Wk 11-15 Position and Direction	1.2 L1: Sparkle and Shine Reception Mastery Number Wk 6-10 3D Shapes	1.1 L1:Let's Explore Reception Mastery Number Wk 1-5 2D Shapes