Mathematics Curriculum Map

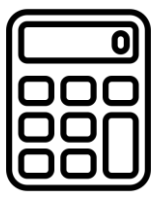
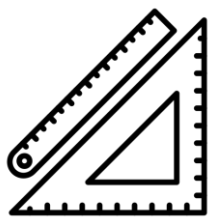
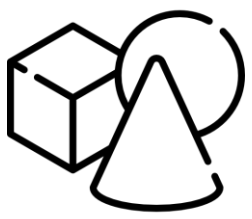
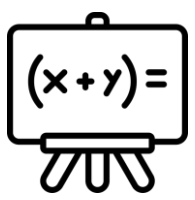
Mathematics – Our Why?

At Abbey school maths is a fundamental aspect of preparing for adulthood and lifelong learning. We intend to promote a love of maths using quality resources and scaffolded experiences through personalised quality first teaching. Our spiralised curriculum builds term by term and year by year using a small step approach to embed and equip pupils with the mathematical skills and understanding to apply to the world around them. Pupils develop their knowledge and skills our linked statements.

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 the application of using patterns, place value and solving problems. Becoming proficient in money handling situations.
Measurement		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 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

2.2 WAVEE Entry Level
Number Sense, Measures
Statistics
Entry level 1/2/3 tests

3.1 WAVEE Entry Level
Number Sense, Measures
Statistics
Entry level 1/2/3 tests

3.2 WAVEE Entry Level
Number Sense, Measures
Statistics
Entry level 1/2/3 tests

2.1 Entry Level
Number sense Measures
Statistics
Entry level 1/2 tests

1.2 WAVEE Entry Level
Number Sense
Shapes and measures

1.1 WAVEE Entry Level
Number sense
Measures

WAVEE Entry Level Route

Term 2.2
Shapes & Transformations
Probability
Geometry & Statistics
Functional skills 1& 2exams

Term 3.1
GCSE/functional skills exam revision

Term 3.1
GCSE Exam revision
Functional skills Level 1 & 2 exams

Term 2.1
Using and applying
fractions and ratios
Number sense
Ratio and Proportions

Term 1.2
Algebra
Angle rules
FS level 1 & 2exams

Term 1.1
Applying number
Ratio and proportion
Number sense
Statistics

WAVEE GCSE/ Functional skills Route

2.2 U7
Shapes
Transformations
Probability

3.1 U7
Revision from
identified learning gaps.

3.2 U7
Exam preparation

2.1 U7
Using and applying
fractions and ratios
Statistics

1.2 U7
Algebra
Angle rules

1.1 U7
Applying number
Ratio and proportion

U7/ H4

2.2 U6
Shapes
Transformations
Probability and statistics

3.1 U6
Y 10: Vectors
Y11 Exam Preparation

3.2 U6
Y10: Application of skills and knowledge.
Y11 Exam Preparation

2.1 U6
Algebra
Geometry

1.2 U6
Algebra
Geometry

1.1 U6 :
Number Sense

U6 H3

Maths Curriculum Map Upper School and Horizon Hub

U5

2.2 U5	3.1 U5 Exam Prep	3.2 U5 Exam Prep
Geometry and angles statistics	Using and applying number Algebra	Straight line graphs
2.1 U5	**1.2 U5**	**1.1 U5**
Algebra	Geometry	Number sense

U4

2.2 U4:Stargazers	3.1 U4: Peasants Prices and pestilence	3.2 U4: Environmental Artists
Geometry	Ratio and proportion Geometry	Types of number Ratio and proportion Using percentages
2.1 U4:Darwin's Delights	**1.2 U4 Revolution**	**1.1 U4: MI7**
Algebra	Number sense Co-ordinates Statistics	Number Sense

U3/H2

2.2 U3:States of Matter	3.1 U3: Blood Heart	3.2 U3: Tomorrows world.
Geometry	Geometry Transforming shapes	Types of number Ratio and proportion Using percentages
2.1 U3: Off with her Head	**1.2 U3:Our changing world**	**1.1 U3: Road Trip USA**
Algebra	Number sense Co-ordinates Statistics	Number Sense Statistics.

U2

2.2 U2: Allotment	3.1 U2: Misty Mountain, winding River	3.2 U2: Ancient Civilisation
Number sense Geometry Measure Statistics	Number sense Algebra Probability	Number sense Statistics.
2.1 U2: Alchemy Island	**1.2 U2:Gallery Rebels**	**1.1 U2: Traders and Raiders**
Number sense Algebra Measure	Problem solving - Number Geometry.	Number sense Statistics

U1/H1

2.2 U1 Urban Pioneer	3.1 U1 Emperors and Empires	3.2 U1 Enchanted Woodland
Algebra Ratio Geometry	Algebra Ratio Geometry	Number sense
2.1 U1: Remarkable Recipes	**1.2 U1 Rocks, Relics and Rumbles**	**1.1 U1 Magnificent Monarchs:**
Number Statistics	Number Sense Geometry	Number sense Measure Geometry

Maths Curriculum Map Lower School

L6

2.2 Rocks, relics and rumbles	3.1 Predator	3.2 Urban Pioneer
Algebra Statistics.	Algebra Geometry	Geometry
2.1 L6: Eat well cook well	**1.2 L6: Gods and Mortals**	**1.1 L6: Spirit**
Number sense Ratio & scale	Number Sense Ratio	Number sense Statistics Geometry Measure

L5

2.2 L5: Wriggle and Crawl	3.1 L5: Coastline	3.2 L5: Muck, Mess and Mixtures
Number sense Geometry	Number Sense Statistics Measure	Number Sense Statistics
2.1 L5: Towers Tunnels and Turrets Structures	**1.2 L5 Beat Bang Boogie**	**1.1 L5 Bounce**
Number Sense Statistics Geometry and Measure	Number Sense Geometry	Number Sense Measure

L4

2.2 L4: Paws claws and whiskers	3.1 L4: Our Wonderful World	3.2 L4: Rio Da Vida
Number sense Measure Statistics	Number sense Geometry	Number Sense Measure
2.1 L4 Enchanted woodland	**1.2 L4: Memory box**	**1.1 L4: TEAM**
Number sense Measure Statistics	Number sense Geometry Measure	Number sense

L3

2.2 L3: Why don't snakes have legs?	3.1 L3: Plant Parts – How does it grow?	3.2 L3: Can you build it?
Number sense Measure	Number sense Measure Geometry	Number sense Measure
2.1 L3: Puppets and Popups	**1.2 L3:Winter Wonderland**	**1.1 L3: Marvelous machines**
Number sense Measure Statistics	Number Sense Geometry	Number Sense Geometry

L2

2.2 L2: Lets Explore	3.1 L2: Sunshine and Sunflowers	3.2 L2: Ready, Steady Grow
Number sense Geometry Statistics	Number sense	Number sense Geometry Measure
2.1 L2: Shadows and reflection	**1.2 L2: Chop slice and Mash**	**1.1 L2: Sparkle and shine**
Number Sense Geometry	Number sense Measure	Number sense Measure

L1

2.2 L1: Animal safari	3.1 L1: Creep, Crawl and Wriggle	3.2 L1:On The Beach
Number sense Measure Geometry	Number sense Geometry	Number sense Measure
2.1 L1: Big Wide World	**1.2 L1: Stories and Rhymes**	**1.1 L1:Me and My Community-**
Number sense Measure Geometry	Number sense Measure Geometry	Number sense Measure