Whole School Long Term Overview: Maths

Rationale

KS3 / 4

Foundations for life

To ensure a broad and balanced curriculum offer, pre formal ASC learners will access and engage with mathematical resources and concepts across Number, Geometry and Measure with a view to developing specific personal learning goals.

Learning for Life

Maths to be taught in 3 week blocks each term to ensure enough time to allow progression and revisiting of learning across each term. All activities must focus on the development and application of mathematical knowledge, understanding and skills within functional, real-life contexts that will support students in later life. This cycle is repeated for each of the 3 years in key stage 3 allowing students to revisit skills and build on prior knowledge each year

Options for Life

The overview below is developed to ensure that students access a balanced maths curriculum across the 3 terms with opportunity to revisit and consolidate skills at the end of each term. This cycle is repeated for each of the 3 years in key stage 3 allowing students to revisit skills and build on prior knowledge each year.

A vital element of all units must the development of students' application skills. Mathematical knowledge and understanding must be applied to the solving of functional, real-life problems that will support students in later life.

KS4

Foundations for life

To ensure a broad and balanced curriculum offer, pre formal ASC learners will access and engage with mathematical resources and concepts across Number, Geometry and Measure with a view to developing specific personal learning goals.

Learning for Life

Maths to be taught in 3 week blocks each term to ensure enough time to allow progression and revisiting of learning across each term. All activities must focus on the development and application of mathematical knowledge, understanding and skills within functional, real-life contexts that will support students in later life. This cycle is repeated for each of the 2 years in key stage 4 allowing students to revisit skills and build on prior knowledge each year

Options for Life

The overview below is developed to ensure that students access a balanced maths curriculum across the 3 terms with opportunity to revisit and consolidate skills at the end of each term. This follows the same strands as the formal Key stage 3 maths offer allowing students to revisit skills and build on prior knowledge each year.

KS5

Transition to adulthood

In Key Stage 5 maths is delivered cross curricular through a range of functional real-life activities designed to build on functional mathematical skills acquired in key stages 3 and 4. By completing the assigned accredited units' students will consolidate and apply skills from these areas of maths:

- Number place value

- Measurement

- Number operations

This will support students to pursue opportunities beyond The Meadows School.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS3 YEAR 1 2024-25	• Baselining • Number	• Measure • Geometry • Consolidation	• Number	• Measure • Geometry • Consolidation	• Number	• Geometry • Measure • Consolidation
	• Baselining • Number • Operations	• Operations • Measure • Geometry • Consolidation	• Number • Operations	• Measure • Geometry • Consolidation	• Number • Operations	• Operations • Geometry • Measure • Consolidation
	Baselining **Number** – *Counting* *Place value and representing numbers* *Recognition and writing numbers* *More/less* **Geometry -** *2D shapes*	**Operations –** *Addition and Subtraction* **Measure -** *Money* **Consolidation**	**Number** *Counting in steps* *Place value and representing numbers* **Geometry** *3D shapes* **Number operations** *Multiplication and Division*	**Number operations** *Multiplication and Division* **Measure** *Sequencing* *Time / Days* **Statistics** *Ask / solve problems about totally data* **Consolidation**	**Number** *Ordering and comparison* *Place value and representing numbers* **Geometry** *Position and Pattern* *Direction and movement* **Number operations** *Fractions*	**Number operations** *Fractions* **Measure** *Problem solving* *Units of measure* **Statistics** *Ask / solve questions about comparing data* **Consolidation**
KS3 YEAR 2 2025-26	• Baselining • Number	• Measure • Geometry • Consolidation	• Number	• Measure • Geometry • Consolidation	• Number	• Geometry • Measure • Consolidation
	• Baselining • Number • Operations	• Operations • Measure • Geometry • Consolidation	• Number • Operations	• Measure • Geometry • Consolidation	• Number • Operations	• Operations • Geometry • Measure • Consolidation
	Baselining	**Operations –** *Addition and Subtraction*	**Number** *Counting in steps*	**Number operations** *Multiplication and*	**Number** *Ordering and*	**Number operations** *Fractions*

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
	Number – *Counting Place value and representing numbers Recognition and writing numbers More/less* **Geometry -** *2D shapes*	**Measure -** *Money* **Consolidation**	*Place value and representing numbers* **Geometry** *3D shapes* **Number operations** *Multiplication and Division*	*Division* **Measure** *Sequencing Time / Days* **Statistics** *Ask / solve problems about totally data* **Consolidation**	*comparison Place value and representing numbers* **Geometry** *Position and Pattern Direction and movement* **Number operations** *Fractions*	**Measure** *Problem solving Units of measure* **Statistics** *Ask / solve questions about comparing data* **Consolidation**
KS3 YEAR 3 2026 - 2027	• Baselining • Number	• Measure • Geometry Consolidation	• Number	• Measure • Geometry Consolidation	• Number	• Geometry • Measure Consolidation
	• Baselining • Number • Operations	• Operations • Measure • Geometry • Consolidation	• Number • Operations	• Measure • Geometry • Consolidation	• Number • Operations	• Operations • Geometry • Measure • Consolidation
	Baselining **Number** – *Counting Place value and representing numbers Recognition and writing numbers More/less* **Geometry -** *2D shapes*	**Operations –** *Addition and Subtraction* **Measure -** *Money* **Consolidation**	**Number** *Counting in steps Place value and representing numbers* **Geometry** *3D shapes* **Number operations** *Multiplication and Division*	**Number operations** *Multiplication and Division* **Measure** *Sequencing Time / Days* **Statistics** *Ask / solve problems about totally data* **Consolidation**	**Number** *Ordering and comparison Place value and representing numbers* **Geometry** *Position and Pattern Direction and movement* **Number operations** *Fractions*	**Number operations** *Fractions* **Measure** *Problem solving Units of measure* **Statistics** *Ask / solve questions about comparing data* **Consolidation**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS4 YEAR 1 2024-25	• Baselining • Number	• Measure • Geometry • Consolidation	• Number	• Measure • Geometry • Consolidation	• Number	• Geometry • Measure • Consolidation
	• Baselining • Number • Operations	• Operations • Measure • Geometry • Consolidation	• Number • Operations	• Measure • Geometry • Consolidation	• Number • Operations	• Operations • Geometry • Measure • Consolidation
	Baselining **Number** – *Place Value* **Operations –** *Addition and Subtraction* **Geometry -** *Shape*	**Operations –** *Addition and Subtraction* **Geometry -** *Shape* **Consolidation**	**Measure -** *Money* **Number operations** *Multiplication and Division*	**Number operations** *Multiplication and Division* **Measure** *Length and Height* *Mass capacity and Temperature* **Consolidation**	**Number operations** *Fractions* **Measure** *Time* **Statistics** *Ask / solve questions about comparing data*	**Statistics** *Ask / solve questions about comparing data* **Measure** *Problem solving* *Units of measure* **Geometry** *Position, direction and movement* **Consolidation**
KS4 YEAR 2 2025-26	• Baselining • Number	• Measure • Geometry • Consolidation	• Number	• Measure • Geometry • Consolidation	• Number	• Geometry • Measure • Consolidation
	• Baselining • Number • Operations	• Operations • Measure • Geometry • Consolidation	• Number • Operations	• Measure • Geometry • Consolidation	• Number • Operations	• Operations • Geometry • Measure • Consolidation
	Baselining **Number** – *Place Value* **Operations –** *Addition and*	**Operations –** *Addition and Subtraction* **Operations –** *Multiplication and Division*	**Operations –** *Multiplication and Division* **Measure** *Length and Perimeter* **Measure -**	**Number operations** *Fractions* **Measure** *Mass capacity* **Consolidation**	**Number operations** *Fractions* **Measure -** *Money* **Measure**	**Measure** *Time* **Number operations** *Fractions*

	Subtraction	**Consolidation**	Money		Time	**Geometry** *Shape* **Statistics** *Ask / solve questions about comparing data* **Consolidation**

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
KS5 YEAR 1 2024-25	Working towards entry 1 LSC- Cooking on a Budget (Number Place Value and Operations)		Working towards entry 1 LSC- Using Money in the community (Measure)			
	Entry 1 LSC- Cooking on a Budget (Number Place Value and Operations)		Entry 1 LSC- Using Money in the community (Measure)			
	Entry 2-3 / Level 1 LSC- Cooking on a Budget (Number Place Value and Operations)		Entry 2-3 / Level 1 LSC- Money Management (Measure) Entry 2-3 Using Money in the community (Measure)			
	PSD- Managing Own Money (Number Place Value and Operations) Entry 2-3 Level 1					
KS5 YEAR 2 2025-26	Working towards entry 1 LSC- Using Money (Measure)				Working towards entry 1 LSC- Organization of Time (Measure)	
	Entry 1 LSC- Using Money (Measure)				Entry 1 LSC- Organization of Time (Measure)	
	Entry 2 3 LSC- Using Money (Measure)				Entry 2 / 3 LSC- Organization of Time (Measure) Level 1 – Working with Probability (Measure)	
KS5 YEAR 3 2026	Working towards entry 1 LSC- Cooking for Myself (Measure, Number Place Value and Operations)		Working towards entry 1 LSC- DFS Shopping (Measure)			
	Entry 1 LSC- Cooking for Myself (Measure, Number Place Value and Operations)		Entry 1 LSC- DFS Shopping (Measure)			

-2027	Entry 2-3 LSC- Cooking for Myself (Measure, Number Place Value and Operations)	Entry 2-3 LSC- DFS Shopping (Measure)		