LEYCROFT ACADEMY

Early Maths Long term plan 2026-2027

The Seekers Pre-Formal Mathematics Pathway provides ambitious and carefully sequenced opportunities for pupils to develop early mathematical understanding through exploration, play and real-life experiences. Through repeated encounters with number, shape, space and measure, pupils learn to notice patterns, compare quantities, communicate mathematical thinking and apply their learning across a range of contexts. As pupils remain on a developmental pathway, key mathematical concepts are revisited across both KS1 and KS2, with progression seen through increasing awareness, consistency, communication, independence and generalisation rather than through exposure to increasingly abstract content. Progress is measured through growing engagement, understanding and application, ensuring all pupils are prepared for their next stage of learning and life beyond school.

Seekers - Pre Formal Pathway

Term	Theme	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Autumn 1 8 weeks	KS1: Once Upon a time KS2: Marvellous Me	BASELINE ASSESSMENTS		*Number: Explore numbers, begin to order number names*			*SSM: Sorting and classifying objects according to multiple attributes including shape, size, colour and weight.*		
Autumn 2 7 weeks	KS1: Let's Celebrate KS2: Lights and Lanterns	***Number:*** *Counting objects accurately, matching quantities to number names and developing understanding of "how many".*				**SSM focus:** *Geometry – Exploring 2D shapes, patterns and position*			
Spring 1 6 weeks	KS1: Colour Splash! KS2: Mix, Make, Create	***Number focus:*** *Comparing quantities and exploring concepts such as more, less, same and equal through practical experiences.*			***SSM focus:*** *Exploring capacity and volume by filling, emptying and comparing containers and quantities.*				
Spring 2 5 weeks	KS1: Farmyard Fun! KS2: Feathery Friends!	***Number focus:*** *Exploring changes in quantity through adding to and taking from groups, developing understanding of more, fewer, less and how quantities change.*			***SSM focus:*** *Comparing and describing length and height using direct comparison and mathematical language.*				
Summer 1 7 weeks	KS1: Little Builders' Yard KS2: Bang, Tap Fix!	***Number focus:*** *Grouping, sharing and organising objects into sets and collections.*			***SSM focus:*** *Recognising, sorting and describing common shapes and their properties.*				
Summer 2 7 weeks	KS1:Pour, Tip, Splash! KS2:Seaside Treasures!	***Number focus:*** *Applying counting and subitising skills to practical experiences including money.*			***SSM focus:*** *Position and Puzzles*				

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KS1 Explorer Pathway		
Term	**Math focus:**	**What Children Are Learning to Do...**
Autumn 1	**Number focus: Number Sense and Classification**	Develop awareness of numbers, quantities and mathematical experiences through sensory exploration, songs, rhymes and routines.
	SSM focus: Sorting and Classifying	Explore and sort objects by colour, size, shape and other simple attributes through sensory and practical experiences.
Autumn 2	**Number focus: Counting and Quantity**	Develop understanding that numbers represent quantities by counting objects and matching quantities to number names.
	SSM focus: Shape, Pattern and Position	Explore shapes, recognise simple patterns and develop awareness of position through movement and play.
Spring 1	**Number focus: Comparison and Quantity**	Compare groups through practical experiences and begin to use language such as more, less and same.
	SSM focus: Capacity and Volume	Explore filling, emptying and comparing containers using practical activities.
Spring 2	**Number focus: Change and Quantity**	Notice how quantities change when objects are added or removed.
	SSM focus: Length and Height	Compare objects using language such as long, short, tall and taller.
Summer 1	**Number focus: Grouping and Number Relationships**	Group, sort and share objects through practical exploration.
	SSM focus: Shape and Properties	Recognise, sort and explore common shapes and their features.
Summer 2	**Number focus: Number in Everyday Life**	Apply money counting and quantity skills during routines, play and familiar activities.
	SSM focus: Position and Puzzles	Explore position, movement and spatial awareness through puzzles and practical challenges.

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KS2 Explorer Pathway		
Term	**Math focus:**	**What Children Are Learning to Do...**
Autumn 1	**Number focus: Number Sense and Classification**	Continue exploring numbers, quantities and mathematical experiences through familiar routines, songs and practical activities.
	SSM focus: Sorting and Classifying	Sort and classify objects using familiar attributes such as colour, size, shape and texture during practical activities.
Autumn 2	**Number focus: Counting and Quantity**	Count objects and match quantities during a range of familiar mathematical experiences.
	SSM focus: Shape, Pattern and Position	Recognise familiar shapes, patterns and positional language through play, movement and exploration.
Spring 1	**Number focus: Comparison and Quantity**	Compare groups and collections and increasingly recognise more, less, same and equal during practical activities.
	SSM focus: Capacity and Volume	Explore filling, emptying and comparing containers using a wider range of materials and resources.
Spring 2	**Number focus: Change and Quantity**	Notice and respond to changes in quantity when objects are added or removed during familiar activities.
	SSM focus: Length and Height	Compare and describe objects by length and height using familiar mathematical language.
Summer 1	**Number focus: Grouping and Number Relationships**	Explore grouping, sorting and sharing objects whilst recognising simple relationships between quantities.
	SSM focus: Shape and Properties	Sort, match and compare common shapes using observable features.
Summer 2	**Number focus: Number in Everyday Life**	Use counting and quantity skills during familiar routines, practical activities and everyday experiences.
	SSM focus: Position and Puzzles	Explore position, movement and spatial awareness through familiar puzzles, games and practical challenges.