



EARLY DEVELOPMENT PATHWAY LONG TERM PLAN Mathematics

PRIME AREAS	THE NEW EARLY YEARS FRAMEWORK 2021				CHARACTERISTICS OF EFFECTIVE LEARNING		
	Personal, Social and Emotional Development				Creating and thinking critically	Active Learning	Playing and exploring
	Making Relationships	Sense of Self	Understanding Emotions				
	Communication and Language						
	Listening and Attention	Understanding	Speaking				
	Physical Development						
	Moving and handling		Health and Self-care				
SPECIFIC AREAS	LITERACY Reading Writing	MATHEMATICS	UNDERSTANDING THE WORLD People and Communities The World Technology	EXPRESSIVE ARTS AND DESIGN Creating with materials Being imaginative and expressive			

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
GENERAL THEMES	ALL ABOUT ME	CELEBRATIONS	ONCE UPON A TIME	BEASTS LARGE AND SMALL	IN THE GARDEN	OUT AND ABOUT
MATHEMATICS	Developing a strong grounding in number is essential so that all children develop the necessary building blocks to excel mathematically. Children must be given the opportunity to develop their skills in the following key areas; cardinality and counting, comparison, composition pattern, shape, space and measures.					
	Number rhymes and counting songs continue throughout the year as part of adult lead and continuous provision. Exploring maths through stories and rhymes help children develop their understanding and enjoyment of maths concepts. Use of individual timetables supported by objects of reference/ photographs/ symbols as appropriate to develop understanding of routines.					
	<p>Cardiology and counting Children develop an understanding of number and counting through modelling and games.</p> <p>Comparison Children will look at different amounts and be introduced to the concepts of lots and more.</p>	<p>Cardiology and counting Children develop an understanding of number and counting through modelling and games.</p> <p>Comparison Children will look at different amounts and be introduced to the concepts of lots and more.</p>	<p>Cardiology and counting Children develop an understanding of number and counting through modelling and games.</p> <p>Comparison Children will look at different amounts and be introduced to the concepts of lots and more.</p>	<p>Cardiology and counting Children are encouraged to begin to notice numbers in the environment and use their fingers to begin to count to three.</p> <p>Comparison Children will begin to compare groups of objects by their number not features and are introduced to 'same' and 'more' meaning the bigger amount.</p>	<p>Cardiology and counting Children are encouraged to begin to notice numbers in the environment and use their fingers to begin to count to three.</p> <p>Comparison Children will begin to compare groups of objects by their number not features and are introduced to 'same' and 'more' meaning the bigger amount.</p>	<p>Cardiology and counting Children are encouraged to begin to notice numbers in the environment and use their fingers to begin to count to three.</p> <p>Comparison Children will begin to compare groups of objects by their number not features and are introduced to 'same' and 'more' meaning the bigger amount.</p>

	<p>Pattern Children will investigate the concept of rhyme through songs, rhymes and repeated action stories.</p>	<p>Measure Children explore measurement concepts through their play with small and large objects and filling and emptying opportunity.</p> <p>Capacity Children explore capacity through filling and emptying a range of different metals including sticks, pebbles, sand, water.</p>	<p>Composition Children are encouraged to join in with counting behaviours</p> <p>Shape Children explore shape through puzzles, posting toys, simple construction and joining simple construction.</p> <p>Positional language Through the modelling of on and in children begin to develop understanding of positional language.</p>	<p>Composition Children are encouraged to join in with counting behaviours.</p> <p>Pattern Children will investigate the concept of rhyme through songs, rhymes and repeated action stories.</p>	<p>Composition Children are encouraged to engage in counting behaviours. They also investigate the concept of a whole being made up of parts.</p> <p>Measure Children explore measurement concepts through their play with small and large objects and filling and emptying opportunity. They also explore objects of different size and weight</p> <p>Capacity Children explore capacity through filling and emptying a range of different metals including sticks, pebbles, sand, water.</p>	<p>Composition Children are encouraged to engage in counting behaviours. They also investigate the concept of a whole being made up of parts.</p> <p>Shape Children explore measurement concepts through their play with small and large objects and filling and emptying opportunity.</p> <p>Positional language Through the modelling of on and in children begin to develop understanding of positional language.</p>
Continuous Provision	Space to move safely – roll and stretch, spaces in move into and under. Explore different sized 2D and 3D shapes through construction play indoors and outdoors.					

	<p>Discussion of times through visual timetable throughout the day.</p> <p>Experiment with symbols, marks and symbols.</p> <p>Solve mathematical problems related to real life experiences.</p> <p>Countdown to events on the calendar and refer to days of the week</p>
--	--