



Belmont School

LONG TERM PLAN FOR Maths KS1 & 2

2022-2023

CONTEXT & INTENT for Class:

All students to access a mastery maths and skills-based learning approach to maths. To provide students transferable life skills to support their knowledge and use of maths in the wider world. The principle of each topic is for students to have experience in developing their fluency, reasoning and problem-solving skills so that these skills become mastered and transferrable meaning that the children can use these skills within all aspects of their learning. Lessons should be active and sequential to ensure students are deepening their understanding and become fluent in the basic skills of maths which will allow them to become increasingly independent in using their maths skills in everyday life. In each topic we need to consider the following with our teaching and learning:

Declarative- I know what (Facts)

Procedural- I know how (Mathematical concepts)

Conditional: I know when (Reasoning and problem solving)

We need to ensure we secure the basics with number before problem solving can happen- we need to be proactive with our key vocabulary and language to give the children a way of expressing their growing understanding of math concepts.

Belmont Theme/Topic

Classes and estimated stages	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Alligators	Number Value- 5 principles of counting Subitising 5 principles are: <ul style="list-style-type: none"> • Stable order principle • 1:1 correspondence • Cardinality • Order irrelevance principle 	Number Value- 5 principles of counting Subitising 5 principles are: <ul style="list-style-type: none"> • Stable order principle • 1:1 correspondence • Cardinality • Order irrelevance principle 	Simple patterns Basic 2D Shapes	Introduction to Measure: length Directional and Positional Language: forwards and backwards, in, on, under	Number value & introduction to adding and subtracting	Number value & introduction to adding and subtracting Time: vocabulary words. No clocks – day and night, visual timetable, now and next, before after

	<ul style="list-style-type: none"> Abstraction Principle 	<ul style="list-style-type: none"> Abstraction Principle 				
Busy Bees	<p>Recap the 5 principles of counting</p> <p>Number value and ordering</p>	<p>Number value</p> <p>Addition and subtraction</p>	<p>Patterns: copying and making patterns</p> <p>Shape Manipulation- 2D / 3D more focus on principle of 2D shapes</p>	<p>Measures: length</p> <p>Time sequencing</p>	<p>Measures: Weight</p> <p>Measures: Capacity</p>	<p>Money</p> <p>Addition and subtraction</p>
Cheetahs	<p>Number value and ordering</p> <p>Number Patterns i.e. odd and even</p>	<p>Geometry: 2D Shapes</p> <p>Measures: capacity</p>	<p>Addition and subtraction</p>	<p>Measure: Time</p> <p>Introduction to fractions</p>	<p>Introduction to multiplication and division (doubles/halves)</p> <p>Measure: Money</p>	<p>Measures: weight</p> <p>Measures: Length</p>
Dolphins	<p>Number value and Place value</p> <p>Addition and subtraction</p>	<p>Multiplication and division</p>	<p>Fractions</p> <p>Money</p>	<p>Measures: Length</p> <p>Geometry: 2D and 3D Shapes</p>	<p>Position and direction</p> <p>Time</p>	<p>Measures: Weight</p> <p>Measures- Capacity</p>
Elephants	<p>Number value and Place value</p> <p>Addition and subtraction</p>	<p>Multiplication and division</p> <p>Fractions</p>	<p>Geometry: 2D and 3D Shapes</p> <p>Position and direction</p>	<p>Time</p> <p>Money</p>	<p>Introduction to Statistics</p> <p>Measures: Length</p>	<p>Measures: Weight</p> <p>Measures- Capacity</p>

Foxes	Number value and Place value Number addition and subtraction	Multiplication and division Fractions	Geometry: 2D and 3D Shapes Position and direction	Measures: Weight Measures- Capacity	Time Money	Statistics Measures: Length
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