

St Teresa's School
Reception Long Term Maths Plan
Updated 2023

Autumn 1	<ul style="list-style-type: none"> • Match and sort objects • Repeating patterns (continue AB/ copy AB/ begin to spot errors) • Relate the counting sequence to cardinality with small amounts • Subitise to 3 • Representation and composition of 3 (see that all numbers are made up of 1's) • Recite numbers in order past 5 • Compare sets using more than and fewer by 'looking' • Compare size, mass and capacity 1:1 • Show an awareness of properties of simple shapes in their play (combine shapes to make new ones)
Autumn 2	<ul style="list-style-type: none"> • Subitise within 5 (perceptually and conceptually) • Explore the cardinality of 5 • Begin to count beyond 5 • Begin to recognise numerals, relating these to quantities they can subitise and count • Explore the concept of 'wholes' and 'parts' • Explore the composition of numbers within 5 • Compare sets using different strategies 'just look' subitise or match • One more and one less than numbers to 5 and beyond • Time- night and day • Simple 2D shapes (name and describe properties) • Positional and directional language (in front, behind, forwards, backwards)
Spring 1	<ul style="list-style-type: none"> • Continue to develop verbal counting to 20 and beyond • Count objects, actions and sounds to 10 with accuracy • Increase confidence in subitising to 5 (structured and random arrangements) • Explore a range of patterns made by some numbers greater than 5 where 5 is a clear part • Continue to match arrangements to finger patterns (use fingers to represent quantities between 5 and 10) • Order numbers linking cardinal and ordinal representations of numbers • Continue to recall one more and one less than numbers to 10 • Continue to explore the composition of 5 (include subtraction facts -hidden or missing parts of 5) • Explore the composition of 6 (link to familiar patterns, including symmetrical)

	<ul style="list-style-type: none"> • Begin to see that numbers to 10 can be composed of '5 and a bit' • Continue to compare sets using different strategies and language fewer/ more/ equal – make unequal sets equal • Explore representations of 6,7,8 • Simple addition (combining 2 parts to make a whole) • Compare mass and capacity
Spring 2	<ul style="list-style-type: none"> • Continue to develop verbal counting to 20 and beyond (become more familiar with the counting pattern beyond 20) • Explore symmetrical patterns in which each side is a familiar pattern, linking this to 'doubles' • Explore representations of 9 and 10 • Compare numbers reasoning about which is more, using an understanding of 'howmanyness' of a number and its position in the number system. • Begin to explore the composition of odd and even numbers (looking at the shape of these numbers) • Begin to link even numbers to doubles • Begin to explore the composition of numbers within 10 • Repeating patterns – make own AB/ spotting an error • Compare length and height • Introduce 3D shapes (link to 2D shapes, name and begin to describe properties)
Summer 1	<ul style="list-style-type: none"> • Continue to develop verbal counting beyond 20 (including counting from different starting points) • Continue to develop confidence and accuracy in both verbal and object counting • Continue to practice familiar subitising arrangements (1 more or doubles patterns) • Recognise when patterns show the same number but in different arrangements • Subitise structured and unstructured patterns • Know when is appropriate to count a set or when it can be subitised • Recognise numbers beyond 10 • Continue to explore and recall the composition facts of 10 • Continue to explore and recall double facts • Continue to explore and recall odd and even numbers • Order sets of objects, linking this to their understanding of the ordinal number system • Recognise that amounts can be shared into smaller sets (equal or unequal) • Spatial reasoning- match, rotate, manipulate 2D shapes • Revisit 3D shapes • Pattern – copy ABC/ ABB/ make their own ABC/ABB/ spot an error/ pattern around a circle

Summer 2

- REVISIT and consolidate