Plan: Abacus Reception

Reception, Autumn Term

Strands	Weekly Summary
GPD Geometry: position and direction; **MEA** Measurement	This week children are learning about the days of the week, reciting the names and beginning to order them. They will use language related to time such as 'yesterday', 'today', 'tomorrow', 'morning', 'afternoon', 'evening' and 'night'. They will see o'clock times in the context of their daily routine. Children will also be introduced to the language of position, playing hide and seek with a teddy bear using key vocabulary such as 'in', 'on', 'over', 'under', 'beside', 'left' and 'right'.
MEA Measurement	The children are exploring length and height, using the language associated with comparing and measuring. Children also begin to explore capacity using the terminology 'empty', 'half full' and 'full'. They compare the capacities of different containers and explore capacities through play.
GPS Geometry: properties of shapes; **MEA** Measurement	The children will learn about 2D shapes, beginning to identify circles, triangles and rectangles including squares. They will begin to use appropriate language to describe simple 2D shapes. Children will also revise the days of the week and begin to learn the months of the year and the seasons, including key months when festivals and their birthdays occur.
NPV Number and place value; **MEA** Measurement	Children begin to recognise that different coins have different values (they will buy more or less, are worth more or less). They then begin to match real coins to amounts of money, e.g. 10p is ten 1p coins, 20p is twenty 1p coins. They then start to use money in small amounts to buy things, starting to realise that they can pay a given amount using different combinations of coins.

Reception, Spring Term

Strands	Weekly Summary
GPS Geometry: properties of shapes; **MEA** Measurement	Children learn how we can time events, and the fact that some events take longer than others. Gradually they improve their understanding of how time is measured, and recognise units of time: seconds, minutes, hours, days, months and years. They recognise and identify common 3D shapes learning to name cubes, spheres, cuboids, cones, pyramids and cylinders. They start to describe the properties of these 3D shapes, including the 2D shapes of their flat faces.
MEA Measurement	Children explore lengths, heights and weights, learning to compare each of these, using direct comparison. Children lay lengths alongside each other, understanding the need for a baseline, and do the same with three items of different heights. They then learn to measure a length or height using a non-standard uniform unit, such as a crayon or footprint. Children compare items of the same size but different weight using balances and then measure these using uniform non-standard units such as conkers or pebbles.
MEA Measurement	The children will familiarise themselves with coins and our money. They will begin to learn the value of coins and to compare and order them according to value. They will learn their names and begin to play with money in a shop / bank / post office context.
GPD Geometry: position and direction; **MEA** Measurement	The children are revisiting the days of the week, reciting the names and ordering them and will use language related to time such as 'yesterday', 'today' and 'tomorrow'. They will begin to recognise o'clock times on analogue and digital clocks and match these to key events in their daily routine and in stories. Children will also use the language of position and direction, including 'left' and 'right' in the context of games.

Reception, Summer Term

Strands	Weekly Summary
GPS Geometry: properties of shapes	There will be a focus on common 2D and 3D shapes. Children distinguish between solid (3D) shapes and flat (2D) shapes. They explore the properties of 2D shapes, looking at their sides (straight or curved), the number of corners and whether they are symmetrical. They then explore the properties of 3D shapes, looking at whether they slide or roll or can do both. Children look at the faces and vertices of the shapes and at whether they can stack or not. The week summarises and concludes all the work on shape in Reception.
NPV Number and place value; **MMD** Mental multiplication and division; **PRA** Problem solving, reasoning and algebra	Children double numbers to 5 and halve even numbers to 10, using objects, the image of twins and balancing scales. They share objects between two children, begin to see this as halving, and then share objects between four children.
MEA Measurement	The children revisit the days of the week, making sure that they know these and can put them in order. They also talk about how we measure time in different ways, and come to understand units: months, days, weeks, hours, minutes and seconds. They learn to recognise o'clock times on analogue and digital clocks and match these to key events in their daily routine and in stories.
MAS Mental addition and subtraction; **MEA** Measurement	Children revise and learn all the coins from 1p to £2. They name, describe and begin to order the coins according to value. They move on to making small amounts and making the value of a coin using other coins.
MEA Measurement	Children explore measures: lengths, weights and capacities, learning to compare each of these using direct comparison. In each case they then progress to using uniform non-standard units to measure a length, height, capacity or weight. They are encouraged to move on to compare more than two lengths using uniform non-standard units.