

Long Term Plan Maths

Functional Skills Entry Level 2

	Autumn (Using Numbers and the Number System)	Autumn (Using Numbers and the Number System/Common Measures, shape and space)	Spring (Handling Data and information)
Unit	<p>E2.1 Count reliably up to 100 items</p> <p>E2.2 Read, write, order and compare numbers up to 200 E2.3 Recognise and sequence odd and even numbers up to 100</p> <p>E2.4 Recognise and interpret the symbols +, −, ×, ÷ and = appropriately</p> <p>E2.5 Add and subtract two-digit numbers</p> <p>E2.6 Multiply whole numbers in the range 0×0 to 12×12 (times tables)</p> <p>E2.7 Know the number of hours in a day and weeks in a year; be able to name and sequence</p> <p>E2.8 Divide two-digit whole numbers by single-digit whole numbers and express remainders</p> <p>E2.9 Approximate by rounding to the nearest 10, and use this rounded answer to check results</p> <p>E2.11 Read, write and use decimals to one decimal place</p>	<p>E2.10 Recognise simple fractions (halves, quarters and tenths) of whole numbers and shapes</p> <p>E2.12 Calculate money with pence up to one pound and in whole pounds of multiple items and write with the correct symbols (£ or p)</p> <p>E2.13 Read and record time in common date formats and read time displayed on analogue clocks in hours, half hours and quarter hours, and understand hours from a 24-hour digital clock</p> <p>E2.14 Use metric measures of length, including millimetres, centimetres, metres and kilometres</p> <p>E2.15 Use measures of weight, including grams and kilograms</p> <p>E2.16 Use measures of capacity, including millilitres and litres</p> <p>E2.17 Read and compare positive temperatures</p> <p>E2.18 Read and use simple scales to the nearest labelled division</p> <p>E2.19 Recognise and name 2-D and 3-D shapes, including pentagons, hexagons, cylinders, cuboids, pyramids and spheres</p> <p>E2.20 Describe the properties of common 2-D and 3-D shapes, including numbers of sides, corners, edges, faces, angles and base</p>	<p>E2.22 Extract information from lists, tables, diagrams and bar charts</p> <p>E2.23 Make numerical comparisons from bar charts</p> <p>E2.24 Sort and classify objects using two criteria</p> <p>E2.25 Take information from one format and represent the information in another format, including use of bar charts Use equally likely outcomes to find the probabilities of simple events and express them as fraction</p>

Long Term Plan Maths

		E2.21 Use appropriate positional vocabulary to describe position and direction, including between, inside, outside, middle, below, on top, forwards and backwards Work with simple ratio and direct proportions	
Skills, Knowledge and Learning	By the end of this term, pupils should be confident in using basic number skills up to 100 Including the four basic operations. Pupils should be able to fluently apply their place value knowledge to the different lessons covered on number, such as basic operations, ensuring place values are all aligned, understanding how place value change when multiplying and dividing by powers of 10 and begin to use rounding skills to estimate calculations. Pupils should be aware of how their learning translates to maths in the wider world	By the end of this unit pupils should be familiar with a range of measurement devices used for different measures including time. Pupils should know how to operate and read these and begin to use them to compare data. Pupils should be able to fluently apply their number skills to solve problems, helping to consolidate these.	By the end of this unit pupils should be aware of different ways to display data in visual form. Pupils should know the benefits of different lists and charts and be able to construct their own for basic data. Pupils should be able to identify where these charts may be used in real world settings and be able to apply their learning to access these independently including bus and train timetables, weather charts and basic data set in categories
NC/Qualification Objectives	All units above relate to objectives taken directly from FS curriculum See numbers next to objectives above	All units above relate to objectives taken directly from FS curriculum See numbers next to objectives above	All units above relate to objectives taken directly from FS curriculum See numbers next to objectives above
Enrichment/ Experiences	<ul style="list-style-type: none"> ○ <i>Marwell Zoo– Planning the journey to Sea Life Centre</i> ○ <i>Time it takes to get there & time to visit the attraction</i> ○ <i>Costs of visiting</i> ○ <i>Weight of animals/ feed needed for animals</i> ○ <i>Christmas shopping</i> ○ <i>– Planning a shopping list for Christmas Dinner/ Presents</i> ○ <i>Working with budgets, discounts and sales</i> 		
Curriculum End Point / Goal	By the end of this FS qualification, pupils should be confident in using operations to solve problems with numbers up to 100. Pupils should have developed basic fluency skills, being able to apply their learning to the other topics covered. Pupils should have developed a good awareness of different measuring tools and be confident in independently using these to record measurements. Pupils should have developed reasoning skills as they transition their learning to solve measure problems using basic operations, and unpick data from charts and graphs to solve problems. Overall pupils should be more confident in their ability to problem solve and apply their learning within the wider world to become more independent individuals		