Penwortham Primary School
Mathematics in EYFS

Learning in EYFS

Our children learn through active play which may be adult led or child led. Pupils have access to indoor and outdoor activity areas of continuous provision.

The EYFS framework is structured differently to the National Curriculum and is organised across seven areas of learning rather than subjects. However, these areas of learning prepare children for National Curriculum subject learning as they move into Year 1.

This document demonstrates the statements from 2020 Development Matters which are pre requisite skills for **mathematics** in the National Curriculum. It shows the relevant statements taken from the Early Learning Goals.

The most relevant statements for science are taken from the following areas of learning:

- Communication and Language
- Mathematics

Communication and language	• Learn new vocabulary. • Use new vocabulary throughout the day.
Mathematics	• Count objects, actions and sounds. • Count beyond ten. • Subitise. • Link the number symbol (numeral) with its cardinal number value Link the number symbol (numeral) with its cardinal number value Compare numbers. • Understand the 'one more than/one less than' relationship between consecutive numbers. • Explore the composition of numbers to 10. • Automatically recall number bonds for numbers 0-5 and some to 10. • Compare length, weight and capacity • Select, rotate and manipulate shapes in order to develop spatial reasoning skills. • Compose and decompose shapes so that children can recognise a shape can have other shapes within it, just as numbers can. • Continue, copy and create repeating patterns

Early Learning Goals	Communication and language	speaking	Participate in small group, class and one-to-one discussions, offering their own ideas, using recently introduced vocabulary.
	Mathematics	Numerical patterns	- Verbally count beyond 20, recognising the pattern of the counting system. - Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. - Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed evenly.
		Number	- Subitise (recognising quantities without counting) up to 5. - Have a deep understanding of numbers to 10, including the composition of each number. - Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts
	Understanding the world		Draw information from a simple map