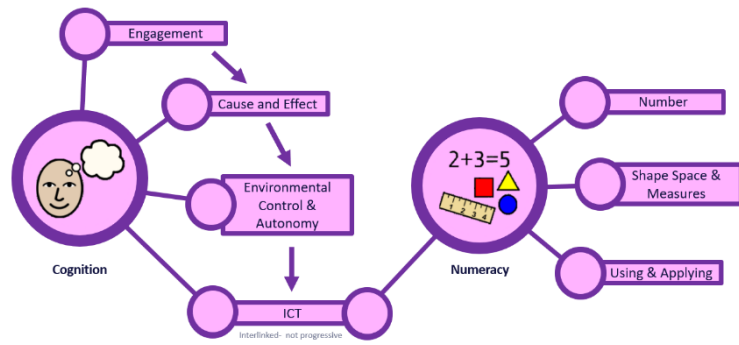


The Cognition and Numeracy Intent:

Our intent for Cognition and Numeracy is that all Learners, regardless of background or ability, will develop knowledge and skills that will enable them to understand the world around them, as well as acquire awareness of numbers, shape, space, measures and whilst providing opportunities to Use and Apply their skills.



Furthermore, we have established a curriculum that will enable the children to have opportunities to make thoughtful decisions and broaden their horizons with new sensory experiences. As Cognition can be seen as the precursor to Numeracy as it is the way that we explore and make sense of our environment, we understand that good cognitive development and mathematical knowledge will help prepare our learners for adulthood and promote independence as they move on to become a meaningful part of their community.

Our aim is for ALL learners to achieve their full potential. A secure basis in numeracy and problem-solving skills will give our children the tools they need to participate positively as a member of society.

What Cognition and Numeracy looks like on the:

EYFS Pathway	Within EYFS, our learners will be exposed to a number rich environment allowing them to develop the confidence in recognising numbers and shapes. By giving continuous opportunities to play, using manipulatives and using mathematical language, learners will use and apply these skills in a varied range of contexts.
Pre-Formal Pathway	As a learner on the Pre-formal Pathway, their cognition journey starts by noticing stimuli and beginning to engage with objects in increasingly varied and consistent ways. Through engagement, we will promote switch skills developing an understanding of cause and effect and provide varied opportunities to problem solve. They will also be exposed to mathematics within a number rich environment.
Semi-Formal Pathway	A Semi-Formal Pathway learner will engage with their environment in increasingly complex ways using technology to activate objects, furthering their understanding of cause and effect and environmental control. Learners will develop emerging Numeracy skills relating to numbers, shapes and space. This knowledge will be applied to real life situations and contexts.
Formal Pathway	On the Formal Pathway, learners' will develop their Numeracy skills within the areas of Numbers, Shape, Space and Measures; including money, drawing on elements indicated in the National Curriculum. They will be provided with consistent opportunities to use and applying these skills to real life situations and problems.
Post 16 Pathway	Within Post- 16 our learners will gain a range of real-life mathematical skills and knowledge preparing them for adulthood. Learners will have opportunities to gain accreditations in Maths to support their life beyond Fountaindale to promote future Careers and Independent Living.