



EYFS and Computing at Hayward's Primary School

The new EYFS Framework became statutory in September 2021. It is structured differently to the National Curriculum and is organised across seven areas of learning rather than subject areas, which all interlink. This document shows how the skills taught across the EYFS feed into the National Curriculum subject of Computing and lend themselves to be the pre-requisite skills children need in this subject. It is also important to remember that underpinning the EYFS Framework are the Characteristics of Effective Teaching and Learning (CoETL) which detail the ways in which children should be learning from their environment, experiences and activities. These also need to be considered when thinking about how the EYFS Framework links to a certain National Curriculum subject. The table below outlines the relevant **statutory Educational Programmes** linked to **Computing** which involves activities and experiences for children, as set out under each of the areas of learning, information on the **non-statutory Development Matters** document and the **Characteristics of Effective Teaching and Learning**.

This document also shows which statements from the **2020 Development Matters** are prerequisite skills for Computing within the National Curriculum.

Understanding the World Educational Programme

Understanding the world involves guiding children to make sense of their physical world and their community. The frequency and range of children's personal experiences increases their knowledge and sense of the world around them – from visiting parks, libraries and museums to meeting important members of society such as police officers, nurses and firefighters. In addition, listening to a broad selection of stories, non-fiction, rhymes and poems will foster their understanding of our culturally, socially, technologically and ecologically diverse world. As well as building important knowledge, this extends their familiarity with words that support understanding across domains. Enriching and widening children's vocabulary will support later reading comprehension.

Communication and Language Educational Programme

The development of children's spoken language underpins all seven areas of learning and development. Children's back-and-forth interactions from an early age form the foundations for language and cognitive development. The number and quality of the conversations they have with adults and peers throughout the day in a language-rich environment is crucial. By commenting on what children are interested in or doing, and echoing back what they say with new vocabulary added, practitioners will build children's language effectively. Reading frequently to children, and engaging them actively in stories, non-fiction, rhymes and poems, and then providing them with extensive opportunities to use and embed new words in a range of contexts, will give children the opportunity to thrive. Through conversation, story-telling and role play, where children share their ideas with support and modelling from their teacher, and sensitive questioning that invites them to elaborate, children become comfortable using a rich range of vocabulary and language structures.



Development Matters

“The EYFS is about how children learn, as well as what they learn. Children need opportunities to develop their own play and independent exploration.”

The Development Matters is a **non-statutory** document for EYFS which has been created to support practitioner’s understanding of child development and their delivery of teaching. This is a document to guide practitioners to design an effective Early Years curriculum and overall support professional judgement enabling children’s individual needs to be supported and build upon their strengths. Other areas of learning will also feed into **Computing**, for example, the area of Physical Development links to a child’s fine motor skills and the control they have over these and therefore the control they may have using a keyboard or mouse etc. Please refer to this document for an in depth view of progress within Understanding the World.

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1007446/6.7534_DfE_Development_Matters_Report_and_illustrations_web_2_.pdf

Development Matters Statements 2020

Three and Four Year Olds	Personal, Social and Emotional Development		<ul style="list-style-type: none"> Remember rules without needing an adult to remind them.
	Physical Development		<ul style="list-style-type: none"> Match their developing physical skills to tasks and activities in the setting.
	Understanding the World		<ul style="list-style-type: none"> Explore how things work.
Reception Children	Personal, Social and Emotional Development		<ul style="list-style-type: none"> Show resilience and perseverance in the face of a challenge. Know and talk about the different factors that support their overall health and wellbeing: Sensible amounts of ‘screen time’.
	Physical Development		<ul style="list-style-type: none"> Develop their small motor skills so that they can use a range of tools competently, safely and confidently.
	Expressive Arts and Design		<ul style="list-style-type: none"> Explore, use and refine a variety of artistic effects to express their ideas and feelings.
Early Learning Goals	Personal, Social and Emotional Development	Managing Self	<ul style="list-style-type: none"> Be confident to try new activities and show independence, resilience and perseverance in the face of challenge. Explain the reasons for rules, know right from wrong and try to behave accordingly.
	Expressive Arts and Design	Creating with Materials	<ul style="list-style-type: none"> Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.

Characteristics of Effective Teaching and Learning

- **Playing and Exploring** – children investigate and experience things, and ‘have a go’
- **Active Learning** – children concentrate and keep on trying if they encounter difficulties, and enjoy achievements
- **Creating and Thinking Critically** – children have and develop their own ideas, make links between ideas, and develop strategies for doing things