



## EYFS and Design Technology 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 Design Technology 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 **Design Technology**, 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 Design and Technology within the National Curriculum.

### Physical Development Educational Programme

Physical activity is vital in children's all-round development, enabling them to pursue happy, healthy and active lives. Gross and fine motor experiences develop incrementally throughout early childhood, starting with sensory explorations and the development of a child's strength, co-ordination and positional awareness through tummy time, crawling and play movement with both objects and adults. By creating games and providing opportunities for play both indoors and outdoors, adults can support children to develop their core strength, stability, balance, spatial awareness, co-ordination and agility. Gross motor skills provide the foundation for developing healthy bodies and social and emotional well-being. Fine motor control and precision helps with hand-eye co-ordination, which is later linked to early literacy. Repeated and varied opportunities to explore and play with small world activities, puzzles, arts and crafts and the practice of using small tools, with feedback and support from adults, allow children to develop proficiency, control and confidence.

### 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.



### Expressive Arts and Design Educational Programme

The development of children’s artistic and cultural awareness supports their imagination and creativity. It is important that children have regular opportunities to engage with the arts, enabling them to explore and play with a wide range of media and materials. The quality and variety of what children see, hear and participate in is crucial for developing their understanding, self-expression, vocabulary and ability to communicate through the arts. The frequency, repetition and depth of their experiences are fundamental to their progress in interpreting and appreciating what they hear, respond to and observe.

### 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 **Design Technology**, for example, the area of Communication and Language has a bearing on children being able to talk about their creations and having the language to do so etc. Please refer to this document for an in depth view of progress within the above areas.

[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](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"> <li>Select and use activities and resources, with help when needed. This helps them to achieve a goal they have chosen or one which is suggested to them.</li> </ul>
	Physical Development	<ul style="list-style-type: none"> <li>Use large-muscle movements to wave flags and streamers, paint and make marks.</li> <li>Choose the right resources to carry out their own plan.</li> </ul>



			<ul style="list-style-type: none"> <li>• Use one-handed tools and equipment, for example, making snips in paper with scissors.</li> </ul>
	Understanding the World		<ul style="list-style-type: none"> <li>• Explore how things work.</li> </ul>
	Expressive Arts and Design		<ul style="list-style-type: none"> <li>• Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park.</li> <li>• Explore different materials freely, in order to develop their ideas about how to use them and what to make.</li> <li>• Develop their own ideas and then decide which materials to use to express them.</li> <li>• Create closed shapes with continuous lines, and begin to use these shapes to represent objects.</li> </ul>
Reception Children	Physical Development		<ul style="list-style-type: none"> <li>• Progress towards a more fluent style of moving, with developing control and grace.</li> <li>• Develop their small motor skills so that they can use a range of tools competently, safely and confidently.</li> <li>• Use their core muscle strength to achieve a good posture when sitting at a table or sitting on the floor.</li> </ul>
	Expressive Arts and Design		<ul style="list-style-type: none"> <li>• Explore, use and refine a variety of artistic effects to express their ideas and feelings.</li> <li>• Return to and build on their previous learning, refining ideas and developing their ability to represent them.</li> <li>• Create collaboratively, sharing ideas, resources and skills.</li> </ul>
Early Learning Goals	Physical Development	Fine Motor Skills	<ul style="list-style-type: none"> <li>• Use a range of small tools, including scissors, paintbrushes and cutlery.</li> </ul>
	Expressive Arts and Design	Creating with Materials	<ul style="list-style-type: none"> <li>• Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</li> <li>• Share their creations, explaining the process they have used.</li> </ul>

### 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