



## Ready to Learn – Design and technology at Abbots Ripton

As part of our curriculum progression, knowledge, skills and vocabulary have been mapped in the ‘specific’ areas of the reception early years curriculum, to support development in the National Curriculum subject areas, as the children transition into Year 1. These key outcomes are unique to our school and foundational to the next steps of learning in Year 1. We begin with things that are known to the children in the topic ‘Marvellous Me’ and then begin to move to the unfamiliar in ‘Me and My World’, and then from the local to the global in ‘What a Wonderful World.’

Development Matters	Early Learning Goal Expressive Arts and Design	This is achieved in Reception (EYFS) by.....	At the end of Reception, I will know.....
<p>Reception Expressive Arts and Design</p> <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 build on their previous learning, refining ideas and developing their ability to represent them</li> <li>• Create collaboratively, sharing ideas and resources</li> </ul>	<p>Expressive Arts and Design: Creating with materials</p> <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 used</li> </ul> <p>Communication and Language: Speaking</p> <ul style="list-style-type: none"> <li>• Participate in small group, class and one to one discussions, offering their own ideas, using recently introduced vocabulary</li> <li>• Offer explanations for why things may happen</li> </ul> <p>PSED: Managing Self</p> <ul style="list-style-type: none"> <li>• Be confident to try new activities and show independence, resilience and perseverance in the face of challenge</li> </ul> <p>PSED: Building Relationships</p> <ul style="list-style-type: none"> <li>• Work and play cooperatively and take turns with others</li> </ul> <p>PD: Fine Motor</p> <ul style="list-style-type: none"> <li>• Use a range of small tools, including scissors, paint brushes and cutlery</li> </ul> <p>Understanding the World</p>	<ul style="list-style-type: none"> <li>• access to a range of everyday resources available within the classroom and outside area, for children to access both independently and with an adult</li> <li>• opportunity to select a range of tools within continuous provision both inside and outside</li> <li>• experimenting with tools such as scissors, cutters, playdoh, tweezers, hole punchers, tags, sellotape</li> <li>• experimenting with pulleys, levers, wheels and axles</li> <li>• learning to fix and join materials using sellotape, glue, elastic bands, pipe cleaners and string</li> <li>• having the opportunity to use a variety of construction kits; Mobilo, lego, duplo, stickle bricks</li> <li>• encouraging through questioning to explain their thought processes</li> </ul> <p>DT through themes such as:</p> <ul style="list-style-type: none"> <li>• Make a bridge to support the 3 Billy Goats Gruff story</li> <li>• Understand that a bridge can link; RE-Diwali and Jesus is a bridge between God and mankind</li> </ul>	<ul style="list-style-type: none"> <li>• how to use scissors safely</li> <li>• how to cut along a straight line</li> <li>• how to cut around corners</li> <li>• how to use glue to fix items together</li> <li>• how to join two items using tape</li> <li>• I can adapt and change something I have made</li> <li>• that some materials are better for building than others</li> </ul>



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	<ul style="list-style-type: none"><li>• Understand some important processes and changes in the natural world around them</li></ul>	<ul style="list-style-type: none"><li>• Observe the effects of mixing ingredients and cooking using the microwave, fridge and freezer</li><li>• Creating models using junk and salt dough/clay; Diwali pots, crosses at Easter</li></ul>	
Vocabulary: : <i>scissors, cut, join, straight, curved, corner, plan, design, create, fix, glue, shape, safety, colour, make, explain, change, features, parts, pieces, lever, pulley</i>			