



Year 1	Topic Title – 3D Houses	Key Vocabulary
<p>National Curriculum Objectives:</p> <p>Design design purposeful, functional, appealing products for themselves and other users based on design criteria generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate explore and evaluate a range of existing products evaluate their ideas and products against design criteria Technical knowledge build structures, exploring how they can be made stronger, stiffer and more stable explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.</p>	<p>Know that Christopher Wren was a famous Architect who was one of the main people who redesigned the city of London after the Great Fire.</p> <p>Know the difference between an Architect and a Builder and to understand that before a house is built, a design process is followed.</p> <p>Know that houses come in many shapes and sizes and are made of different materials.</p> <p>Know that different materials will be better suited to build the structure based on Science Topic (Everyday materials)</p> <p>Know what a net is.</p> <p>Mark out a design (net) that can be folded into a 3D shape.</p> <p>Will design a prototype using paper and card.</p> <p>Cut round the design and use glue and/or tape to join the paper and card together.</p> <p>Will investigate how to make their design stronger using materials such as thick card, Art straws, lolly sticks, glue and different tape – i.e. masking tape.</p> <p>Will evaluate the structure and discuss which 3D shape was best suited for the project.</p>	<p>Design</p> <p>Make</p> <p>Evaluate</p> <p>Architect</p> <p>Builder</p> <p>Materials</p> <p>Stronger</p> <p>Stiffer</p> <p>Net</p> <p>Structure</p>
<p>Possible Community Links</p> <p>Staircase House Museum</p> <p>Local housing developments</p> <p>Local historical fieldwork</p>	<p>Previous Learning Experiences:</p> <p>They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>	<p>Future learning experiences:</p> <p>Year 4 – Vehicles</p> <p>Year 6 – structures</p>



Year 1	Topic Title – Hand Puppets		Key Vocabulary
<p>National Curriculum Objectives:</p> <p>Design Design purposeful, functional, appealing products for themselves and other users based on design criteria generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate explore and evaluate a range of existing products § evaluate their ideas and products against design criteria Technical knowledge § build structures, exploring how they can be made stronger, stiffer and more stable § explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.</p>	<p>Know that puppet theatres i.e. Punch and Judy have been a form of entertainment in our country since 1662.</p> <p>Know that this was around the same time as the GFOL.</p> <p>Know that Samuel Pepys wrote in his diary that he was one of the first to watch a Punch and Judy puppet show.</p> <p>Design an animal hand puppet that could appear in a Punch and Judy show.</p> <p>From this design, create a template that can be drawn around onto felt and cut out.</p> <p>Attach fabrics together using fabric glue.</p> <p>Decorate puppets with a variety of haberdashery of their choice e.g. buttons, beads, sequins.</p> <p>Add colour using fabric paint/pens and additional materials.</p> <p>Evaluate product using practical ideas for improvements e.g change of materials/size etc.</p> <p>Present puppet shows to another class.</p>		<p>Design</p> <p>Make</p> <p>Evaluate</p> <p>Punch and Judy</p> <p>Puppet</p> <p>Puppet theatre</p> <p>Samuel Pepys</p> <p>Haberdashery</p> <p>Buttons</p> <p>Beads</p> <p>Sequins</p> <p>Fabric glue</p> <p>Fabric</p> <p>Fabric paint</p> <p>Improve</p> <p>Decorate</p> <p>Attach</p> <p>Present</p>
<p>Possible Community Links</p>	<p>Previous Learning Experiences:</p>	<p>Future learning experiences:</p>	
<p>Artz Centre West Lancashire Community College</p>	<p>They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</p>	<p>Year 3 – mobile phone cases Year 5 – Fashionista</p>	