

## The DT Curriculum at Bernards Heath Infant and Nursery School

Subject: DT		
Skills	Knowledge	Context - How we teach this:
<ul style="list-style-type: none"> <li>• Design purposeful products</li> <li>• Choose the best tool for a task e.g. sellotape, scissors or glue for joining a variety of materials</li> <li>• Talk about a range of products and how they might be improved</li> <li>• Evaluate products they have made</li> </ul>	<ul style="list-style-type: none"> <li>• Explore different ways to communicate ideas e.g. talking, drawing and by making mock-ups</li> <li>• Know the characteristics of materials and why they might be good for a certain purpose e.g. plastic for a rain coat. This links with our science curriculum.</li> <li>• Learn how mechanisms can be used in their products e.g. levers, sliders, wheels, axles and pivots</li> <li>• Name the main food groups and talk about the importance of a healthy diet (link to science)</li> <li>• Understand where food comes from</li> </ul>	<ul style="list-style-type: none"> <li>• Junk modelling provides opportunities for children to create for a purpose, think about resources and evaluating their final product. Imagination is encouraged when children explore their own designs during CIP, they make alterations and explain the different features of the models they have made. Children are encouraged to give reasons using 'because' when talking about certain parts of their models or their reasons for placing objects in a certain place.</li> <li>• Children may design for example a card for a purpose with a pop-up part, for example Father Christmas popping up a chimney. Children would first make mock-ups of their product and having made it, would evaluate it with peer feedback.</li> <li>• Children may learn about a designer like Isambard Kingdom Brunel.</li> <li>• Planning formats may be used and changes are made to these after evaluating their usefulness. Children include reasons for why they have planned something and talk about how they can make improvements.</li> <li>• If planning a healthy dish discussion will take place about preparing food, and a varied diet.</li> <li>• Parent volunteers cook with children regularly at school. The recipes involve a cooking skill such as grating, mixing, peeling or melting. The adults working with children take advantage of the English and maths knowledge to be gained from this activity by discussing the layout of a recipe and identify the numbers involved in weighing.</li> </ul>