

	<p>Year group: Year 2</p>	<p>Area/topic: Create, Develop and Evaluate Products</p>
	<p>(objectives from NC/ELG/Development matters)</p> <p>Design</p> <ul style="list-style-type: none"> ➤ 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>Make</p> <ul style="list-style-type: none"> ➤ 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>Evaluate</p> <ul style="list-style-type: none"> ➤ explore and evaluate a range of existing products ➤ evaluate their ideas and products against design criteria <p>Technical knowledge</p> <ul style="list-style-type: none"> ➤ build structures, exploring how they can be made stronger, stiffer and more stable 	

Prior learning	Future learning
<p>Children have been introduced to the steps to take when constructing DT models and products.</p> <p>Children should be able to explain what happens in each of the stages and how each stage might look.</p>	<p>Children should begin to plan out what each stage of construction might look like.</p> <p>They will need to think about the steps of planning and what they think each stage might look like - this might be done through small sketches, notes etc.</p>

What pupils need to know or do to be secure	
Key knowledge and skills	Possible evidence
<ul style="list-style-type: none"> ➤ At this stage in their DT learning children should be able to think about what edits they should be making to their models and products throughout the construction stage. ➤ They should be able to prethink what materials and equipment they might need to use alongside knowing where they might need to source that from. ➤ Children should be able to explain what will happen during the stages of their construction. ➤ Children should be able to explain the process they will take alongside what they think will happen to their product. 	<p>Children to document the process of their product making throughout the course of several weeks, this will be done through quotes, labels, sketches, photos, colour swatches, material swatches.</p>

➤ Children will be able to explain how their product links to the initial brief.		
Key vocabulary		
Improve, Modify, Audience, Purpose, Weaker, Existing Product, Stronger, Constructive, Sturdy		
Common misconceptions	Books linking to this area	
<ul style="list-style-type: none"> ➤ Children may want to start editing before they've fully started the process of construction. ➤ Children to understand that editing does not mean starting from scratch again. ➤ Children to understand that this term of editing is different from writing editing. ➤ Children may want to stick with basic materials and should be encouraged to use other materials so they can talk about their effectiveness. 	Little people big dreams Zaha Hadid	
Memorable first hand experiences	Opportunities for communication	
Creating a product that can be used for a purpose either by themselves or for a friend/family member.	Children will be discussing consistently the process they are taking to get to the final part of construction. Whether this is editing, or new labels. All thoughts should be documented.	

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Reasonable adjustments for pupils with SEND

<p>Communication and Interaction</p> <p>Visual aids Modelling - through the use of visualiser or 1:1 Simple instructions Use of WAGOLL Pre-teaching vocabulary Coloured paper</p>	<p>Cognition and Learning</p> <p>Repetition of skills Photo examples Check understanding regularly Artist work on the table, stuck into their books, stuck onto learning boards Verbal responses being scribed by adults Large scale if fine motor is a barrier</p>
<p>Social, Emotional and Mental health</p> <p>Allow access to a quiet area Give them a special role to boost their self-esteem Seat pupil with more confident friend - talking partners Now and next board Sand timer Step by step guides with visuals/pictures/photos</p>	<p>Sensory and Physical</p> <p>Chunky crayons/paintbrushes A range of tools/scissors Gloves for sensory issues Explore new materials Carpet space position Reduce background noise Mixing and painting with body parts</p>