



Design Technology Progression Map Cycle A 22 23

Coverage key

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
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Design

Nursery	Reception	Year 1	Year 2																								
Key Vocabulary: Build Design Named materials	Purpose features	Function Product material	Template draft																								
Design and build through exploration (eg-3 little pigs house) Use materials (straw, crayons, paint) to create a picture.	Use a given criteria in their design, know what they're making and its purpose.	Design a purposeful and functional product linked to topic.	Design a product linked to topic-																								
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Talk about what they are designing as they make or construct.	Make pictures of their design to show the key features of what they want to make.	Draw a design and label features.	Draw a design using a template, drawing or ICT. Talk about the design in a presentation of ideas.																								
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Make

Nursery	Reception	Year 1	Year 2
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<p>Key Vocabulary: Names of tools Build Introduce vocab such as soft</p>	<p>Tools Equipment Construct Using vocab such as soft</p>	<p>Components Technical tool words (glue gun, velcro) Explore Resources Practical Appropriate</p>	<p>Textiles Efficiently Characteristics</p>
<p>Use and explore a range of tools and materials.</p>	<p>Begin to choose the right tools for a practical task- Know the tools they are using and name them.</p>	<p>Use practical tools such as glue guns, scissors, hammers, tape, appropriately and safely to perform a practical task</p>	<p>Use tools efficiently and safely to complete a task.</p>
<p>Understand that tools need to be used safely.</p>	<p>Use equipment safely</p>		
<p>Explore a range of materials and components when building or constructing. Talk about the characteristics of these. (size, hard, soft, squishy...)</p>	<p>Begin to choose appropriate materials and components for their designs- eg wool or fur for a soft touch cardboard or wood for a stronger construction...</p>	<p>Name the tools they will use. Explore design ideas by arranging materials such as paper, card, ingredients, fabrics, sequins... so that they are used appropriately for different designs.</p>	<p>Continue to select and use a wider range of given tools appropriately eg: knife grater chopping board, scissors, needles, glue guns, tape, range of textiles.</p>

Evaluate



Nursery	Reception	Year 1	Year 2
Key Vocabulary:	Like dislike	Opinion Evaluate appearance	Criteria Refine
		Say what they like or dislike about an existing product- appearance, pattern, materials, size.	Evaluate existing products with a given criteria in order to support their own designs.
	Know what they like and dislike about a product.	Say what they like or dislike about their own product- appearance, pattern, materials, size.	Evaluate their own products and say how they can be improved.

Technical knowledge

Nursery	Reception	Year 1	Year 2
Key Vocabulary:	Names of different materials	Moving picture	Pop up



Same different	Fold, tuck, squash, flatten	Sliding control	Paper springs
Explore how things work.	Explore a variety of materials.		
Talk about the differences between materials and the changes they make.	Share and create explaining the process they have used.	Design and make a moving picture with a sliding control. Link to topic.	Design and make a 3D pop up card using paper springs. Christmas, Eid, Valentines, Mother/Fathers Day

Cooking and Nutrition

Nursery	Reception	Year 1	Year 2
Key Vocabulary: Food Drink Healthy/ unhealthy Ingredients	Vegetables Fruit Vegetarian Meat Farm Recipe	Names of cooking equipment Produce Orchard Protein Balanced diet	Air miles Local produce Global produce Seasonal



		Use a range of basic cooking equipment to create a simple cold dish linked to topic-	Include the different food groups in a healthy menu for Global Community Week- open a restaurant!
Start to make healthy choices about food and drink.	Understand that vegetables and fruit are plant based and meat comes from an animal.	Understand that some foods are grown or produced in different parts of the World.	Farm to Fork – How does the food get to the shops? Where does it come from? Discuss the benefits of local produce.