

Nursery- Design and Technology

	EAD- Exploring and using media and materials	EAD- Being Imaginative	Understanding the World- Technology	Physical Development
22-36 months	<ul style="list-style-type: none"> • EAD 1. Experiments with blocks, colours and marks. 	<ul style="list-style-type: none"> • BI 1. Beginning to use representation to communicate, e.g. drawing a line and saying 'That's me.' 	<ul style="list-style-type: none"> UW1. Operates mechanical toys, e.g. turns the knob on a wind-up toy or pulls back on a friction car. 	<ul style="list-style-type: none"> • PD1. Develops own likes and dislikes in food and drink. • PD2. Willing to try new food textures and tastes.
30-50 months	<ul style="list-style-type: none"> • EAD 2. Uses various construction materials. • EAD 3. Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces. • EAD 4. Joins construction pieces together to build and balance. • EAD 5. Beginning to be interested in and describe the texture of things. • EAD 6. Realises tools can be used for a purpose. 	<ul style="list-style-type: none"> • BI 2. Captures experiences and responses with a range of media 	<ul style="list-style-type: none"> *UW2. Knows how to operate simple equipment, e.g. turn on a CD player and uses a remote control. *UW3. Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones. *UW4. Shows skills in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images. 	<ul style="list-style-type: none"> *PD3. Uses one handed tools and equipment, e.g. make snips in paper with child scissors. *PD4. Understands that equipment and tools have to be used safely.
40-60 months	<ul style="list-style-type: none"> • EAD 8. Constructs with a purpose in mind, using a variety of resources. • EAD 9. Selects tools and techniques needed to shape, assemble and join materials they are using. • EAD 10. Manipulates materials to achieve a planned effect. • EAD 11. Uses simple tools and techniques competently and appropriately. • EAD 12. Selects appropriate resources and adapts work where necessary • EAD 13. Understands that different media can be combined to create new effects. 			<ul style="list-style-type: none"> *PD5. They handle tools, objects and construction and malleable materials safely and with increasing control. *PD6. Uses simple tools to effect changes to materials. *PD7. Eats a healthy range of food stuffs and understand the need for a varied diet. *PD8. Shows an understanding of the need for safety when tackling new challenges and can consider and manage some risks. *PD9. Shows an understanding of how to transport and store equipment safely. *PD10. They practice some appropriate safety measures without direct supervision.
Early Learning Goal	<ul style="list-style-type: none"> • EAD 14. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. 	<ul style="list-style-type: none"> • BI 3. They represent their own ideas, thoughts and feelings through design and technology. 	<ul style="list-style-type: none"> *UW5. Recognises that a range of technology is used in places such as homes and schools. *UW6. Selects and use technology for particular purposes. 	<ul style="list-style-type: none"> *PD11. Knows the importance for good health of physical exercise and a healthy diet and talk about ways to keep healthy and safe.

Nursery Topic Coverage

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EAD1 BL1 UW1 PD1 PD2	PD3 EAD4 EAD5 EAD6 EAD3	UW3 EAD2 EAD5 EAD6 BI2	UW3 PD3 EAD3	UW4 EAD5 BI2	UW4 PD4 BI2
Vocabulary					
<p>Designing and evaluating: Resources, materials, tools, scissors, boxes, tubes, tape, glue, Lego bricks, Duplo blocks, tubs, string, cartons, elastic bands, decorative materials, paint, pompoms, feathers, sequins, support, copy role-play ideas, discuss, share.</p>		<p>Cooking and Nutrition: Try, experience, describe, explore, respond, food, names of food.</p>		<p>Making: Construction, resources, media, materials, tools, scissors, boxes, tubes, tape, glue, Lego bricks, Duplo blocks, tubs, string, cartons, elastic bands, decorative materials, paint, pompoms, feathers, sequins, stack, up, across, next to, space, create, join, build, upright, share, discuss.</p>	
I will learn...					
<p>That there are different materials that I can use to build with. • The names of the different materials that I can build with. • That I can create something to support/enhance my experience in the e.g. a puppet or model for the role-play area. • How to create something to support/enhance my experience in the e.g. a puppet or model for the role-play area with guidance and support. • That there are different materials that I can use to build with. • The names of the different materials that I can build with. • That there are lots of different foods. • The names of simple foods that I eat. • That I can create/show my own experiences/responses with food. • How to share and discuss my work with support.</p>		<p>That there are different materials that I can use to build with. • The names of the different materials that I can build with. • That I can create something to support/enhance my experience in the e.g. a puppet or model for the roleplay area. • How to create something to support/enhance my experience in the e.g. a puppet or model for the roleplay area with support. • That I can create objects/models using my own experiences/responses. • That I can create using a given range of media. • The names of the media being used. • How to create using my experiences/responses. • How to use the media given. • That there are different ways that I can build – using the vocabulary of stack, up, across and next to. • How to use materials to build/create spaces. • That there are lots of different foods. • The names of simple foods that I eat. • That I need to try new things. • How to describe the texture of what I am eating e.g. crunchy, soft, smooth, crispy etc. • How to say whether I like or dislike something. • How to share and discuss my work with support.</p>		<p>• That there are different materials that I can use to build with. • The names of the different materials that I can build with. • That I can create something to support/enhance my experience in the e.g. a puppet or model for the role-play area. • How to create something to support/enhance my experience in the e.g. a puppet or model for the role-play area with support. • That I can create objects/models using my own experiences/responses. • That I can create using a given range of media. • The names of the media being used. • How to create using my experiences/responses. • How to use the media given. • That there are different ways that I can build – using the vocabulary of stack, up, across and next to. • How to use materials to build/create spaces. • How to join materials together. • That by joining the materials together I am making the model balance/more secure. • That there are lots of different foods. • The names of simple foods that I eat. • That I need to try new things.</p>	

