

EYFS Subject Knowledge Organiser: Design and Technology



media and materials.



Maple Room 2-3 year olds EYFS Curriculum Development Matters Expressive Arts and Design DT	Children will have the opportunity to engage with Design and Technology, building upon their own experiences using a variety of materials and media to express themselves creatively with increasing confidence. Children will be stimulated by the tactile, expressive and intellectual nature of Design and Technology through designing, making and evaluating from an early age. Children will; Explore different materials, using all their senses to investigate them. Manipulate and play with different materials.				
EEXAT Developmental	By 18 Months (13-18 Months)	By 24 Months (19- 24 Months)	By 30 Months (25- 30 Months)		
Milestones Expressive Arts and Design DT	 Explores properties and possibilities of toys. 	 Actively explores, using all their senses, a wide range of media and materials. Starts to question, 'what's that' and express their 	 Uses relevant vocabulary to support explorations in multi-sensory ways of textures, movement, feel and look of different 		

Oak Room
3 – 4 year old
FVFS Curricula

Expressive arts and design, children will;

- EYFS Curriculum Development Matters
- Join construction pieces together to build and balance.
 Join different materials and explore different textures.
- Expressive Arts and Design

DT

- Beginning to be interested in and describe the texture of things.
- Use a variety of construction materials.
- Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.

Develop their own ideas and then decide which materials to use to express them.

emotional response.

Explore different materials freely, to develop their ideas about how to use them and what to make.

Oak Room Curriculum Coverage (Examples)	Junk modelling houses	Collaging Elmer	Junk modelling busker guitars	Make animal stick puppets	Flower collaging	Threading wool to male spider webs.
Expressive Arts and Design DT						

Reception Early Learning Goals

Creating with Materials

Expressive Arts and Design

- Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function;
- Share their creations, explaining the process they have used;
- Make use of props and materials when role playing characters in narratives and stories.

Reception	Building for a	Create a map of	Follow a recipe	Try new food	Explore texture	Use construction
Curriculum	purpose: create	the story using	to bake bread	and discuss	by making	materials to
Coverage Grid	a boat that	loose parts/		preference:	crayon rubbings	create a strong
Spring 1	floats.	construction		Chinese food	and combining	bridge to go over
DT		materials			these to make a	a river
					swan.	

EYFS Vocabulary to Communicate Technically

Linked Books

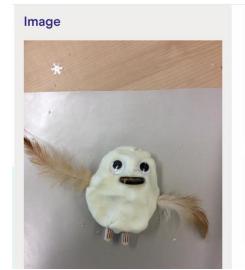
		oig Dig Digging		
	Evergreen Nursery	Reception		
cut		attach		
stick		dismantle		
join		design		
pattern		support		
recipe		strengthen		
make		model		
		fold		
		bend		
		attach		
		assemble		
		template		
		plan		
		investigate		
		evaluate		
		wledge and Skills Overview		
	Evergreen Nursery	Reception		
Design	Begin to use the language of	Learning about planning and adapting initial		
	designing and making, e.g. join,	ideas to make them better		
	build and shape.			
Make	To learn to construct with a	Selects tools and techniques needed to shape,		
Wicke	purpose in mind.	assemble and join materials.		
	parpose in illina.			
		Explain what they are making and which		
		materials they are using.		
		Select materials from a limited range that will		
		meet a simple design criteria e.g. shiny.		
		Select and name the tools needed to work the		
		materials e.g. scissors for paper.		
		Explore ideas by rearranging materials.		
		Describe simple models or drawings of ideas and intentions.		
		Discuss their work as it progresses.		
Fredricks	Decise to tall, about all and	, ,		
Evaluate	Begin to talk about changes made during the making	Say what they like and do not like about items they have made and attempt to say why.		
	process, e.g. making a decision	Begin to talk about their designs as they		
	to use a different joining method.	develop and identify good and bad points.		
	metriou.	Start to talk about changes made during the		
	making process.			
		Discuss how closely their finished products		
		meet their design criteria.		
Technical	To learn how to use a range of	Begin to create their design using basic		
Knowledge	tools, e.g. scissors, hole punch,	techniques.		
	stapler, rolling pins, pastry	Start to build structures, joining components		
	cuttors			
	cutters.	together.		
	Learn how everyday objects			
		together.		

		Begin to use scissors to cut straight and curved edges and hole punches to punch holes. Explore using/ holding basic tools such as a saw or hammer. Use adhesives to join material.
Cooking and nutrition	Begin to understand some of the tools, techniques and processes involved in food preparation. Children have basic hygiene awareness.	Begin to develop a food vocabulary using taste, smell, texture and feel. Explore familiar food products e.g. fruit and vegetables. Stir, spread, knead and shape a range of food and ingredients. Start to think about the need for a variety of foods in a diet. Measure and weigh food items, non-statutory measures e.g. spoons, cups.

EYFS Design and Technology Assessment

Early Excellence Assessment Tracker (EExAT)

The assessment tool is based around a Birth-Syears child development framework. The assessment picture for each child is based on practitioner knowledge gained predominantly from observations and interactions with the child. Practitioners consider what a child can do consistently and independently in a range of everyday situations and take account of evidence from a range of perspectives. Effective assessment takes place within responsible pedagogy which enables each child to demonstrate learning in the fullest sense. It takes place when children have the opportunity to demonstrate their understanding, development and learning behaviours in a range of contexts. Through their access to a rich learning environment, children are provided with the opportunities and conditions in which to demonstrate all aspects of their design and technology development in both the indoor and outdoor learning environments.



Observation Note

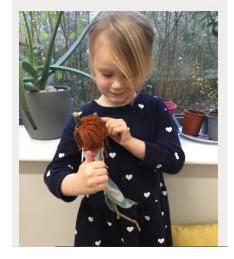
Isaac has made a baby penguin with the white dough and loose parts. He studied a picture of penguins and thought about wings, eyes, beak and feet.

Statements

EAD > Creating with Materials 55 - 60 months

Use hands to manipulate malleable materials in different ways, rolling, kneading, squashing, and pinching.

Image



Observation Note

making a stick person.
Daisy asked to create a
stick person with EYP.
EYP assisted Daisy in
making her stick people.
Daisy chose what
materials to use and
came up with the idea to
make hair for her stick
person.

Begin to create their design using basic techniques.