

Year 1 DT Teaching Sequence

Textiles

Food

Mechanisms

Structures

<u>Projects on a Page unit</u>	<u>Design and evaluate - Knowledge</u>	<u>Substantiative knowledge</u>	<u>Disciplinary knowledge</u>	<u>Lesson 1</u> Place the DT lesson in the context of similar past DT learning Review the learning covered in previous lessons	<u>Lesson 2</u> Deliver a design brief, posing a relevant problem to be solved and practice techniques needed for this.	<u>Lesson 3</u> Children research existing products and possible construction materials, tools and ingredients	<u>Lesson 4</u> Children create their own designs in response to the brief and their own research	<u>Lesson 5 and 6</u> Children make the product, including making and evaluating a technical aspect first or producing and refining a prototype if appropriate	
Mechanism - Sliders and levers (greetings card for a family member or friend of my choice)		Learn the terms: pivot, lever and linkage, what they do and how they work. (Lesson 1, 2) Know that different mechanisms produce	Be able to make different linkages (Lesson 2, 3) Use split-pins, single hole punches and scissors. (Lesson 2)	Revisit what a mechanism is – Y2 will have looked at wheels and axles last year. To know what a mechanism is and identify examples.	To practice techniques for making pivots, levers and linkages.	To research examples of moving greetings cards and evaluate them.	To design my own greetings card.	To make my own greetings card using a range of joining and finishing techniques.	To evaluate my greetings card.

		different types of movement. (Lesson 1)	Select from and use materials according to their characteristics (Lesson 4) Know how to use different methods of joining card and paper (Lesson 2, 5) Join using glue, paper fasteners and masking tape. (Lesson 2, 5) Use simple finishing techniques suitable for the product they are creating (Lesson 5)						
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			Select from and use a range of materials and components according to their characteristics. (Lesson 5)						
Freestanding structures – dragon trap		Know that materials have different characteristics and be able to identify and describe them. (Lesson 1) Know that there are multiple ways to join materials and that there are advantages and draw backs to each	Make free standing structures and make structures stronger and stiffer when building them. (Lesson 2, 5) Select new and reclaimed materials and construction kits to build their structures (Lesson 4)	To know what a structure is and how they can be made stronger.	Read 'Tell me a Dragon' To practice joining materials to make simple structures and evaluate the success of each way.	To consider what a successful dragon trap might need to have.	To design a dragon trap and select appropriate materials.	To make a dragon trap.	To evaluate and refine a dragon trap.

		one. (Lesson 2)	Select from and use a range of materials and components according to their characteristics (Lesson 4, 5)						
Preparing fruit and vegetables – healthy yoghurt for myself.		Know and use basic principles of a healthy and varied diet to prepare dishes, including how fruit and vegetables are part of The Eatwell Guide. (Lesson 1) Understand that different fruits and vegetables	Taste and evaluate a range of fruit and vegetables to determine the intended user's preferences Select from a range of fruit and vegetables according to their characteristics e.g. colour, texture and	To know what fruit and vegetables can be used for and how this links to a healthy diet.	To practice hygienic fruit preparation techniques – juicing, grating, peeling, cutting.	To choose ingredients for my yoghurt dish by tasting and evaluating different fruit and vegetables.	To design a yoghurt dish.	To make a yoghurt dish.	To evaluate and refine my yoghurt dish.

		have different tastes, textures etc.	taste to create a chosen product						
		Explain what we need to do to be hygienic when preparing and handling food.	<i>Select from and use a range of tools and equipment to perform practical tasks; juicer, peeler, grater, knife, spoon, scissors (Lesson 2)</i>						