

DT yearly overview EYFS-Y6 2024-25

Rationale:

Why have we chosen to include these design & technology units?

All Kapow design & technology units provide coverage of the National Curriculum. We have selected units that ensure gradual progression towards the National Curriculum end of key stage attainment targets and also cover all of the four strands – design, make, evaluate and technical knowledge - in enough detail.

Some key areas appear less frequently than others - for example textiles - and this is deliberate. The National Curriculum statements show that working with textiles is only a small element of the 'make' strand of design & technology, plus many of the 'making' techniques are also covered with a range of materials in other units, such as the use of templates, modelling, measuring and marking out, cutting, shaping and joining.

Similarly in Year 2, the imbalance of coverage of key areas is deliberate (there are two mechanisms units). This is because there is strong progression from *Y1 Structures: Constructing a windmill* to *Y2 Mechanisms: Fairground wheel*, and then again to *Y2 Mechanisms: Making a moving monster*. To omit one of these units would negatively impact on the progression.

Stand-alone lessons:

In year groups where cooking and nutrition is not taught as a unit, there will be at least one stand-alone lesson for teachers to deliver in addition. Also - because our design & technology units are designed to take four lessons, and our art & design units are designed to take five - there are further suggestions for stand-alone lessons, which teachers can use if they have lessons to spare.

The link to these can be found here: [Art and DT Combined-Long-term-plan.pdf](#)

DT	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Structures: Junk modelling (6 lessons)			Structures: Boats (6 lessons)		

EYFS (Class 1)	Textiles: Bookmarks (6 lessons)					
	Cooking and nutrition: Soup (6 lessons)					
KS1 Year A (Class 2)	Structures: Constructing a windmill (4 lessons)		Textiles: Puppets (4 lessons)		Cooking and nutrition: Fruit and vegetables (4 lessons)	
KS1 Year B (Class 3)	Structures: Baby bear's chair (4 lessons)		Mechanisms: Fairground wheel (4 lessons)		Textiles: Pouches (4 lessons)	
	Cooking and nutrition: A balanced diet (6 lessons)					
LKS2 Year A	Cooking and nutrition: Eating seasonally (4 lessons)		Structures: Pavilions (4 lessons)		Mechanical systems: Making a slingshot car (4 lessons)	
LKS2 Year B	Digital world: Electronic charm (4 lessons)		Structures: Constructing a castle (4 lessons)		Electrical systems: Torches (4 lessons)	
	Cooking and nutrition: Adapting a recipe (4 lessons)					
UKS2 Year A	Electrical systems: Doodlers (4 lessons)		Mechanical systems: Making a pop-up book (4 lessons)		Cooking and nutrition: What could be healthier? (4 lessons)	
UKS2 Year B	Textiles: Waistcoats (4 lessons)		Structure: Playgrounds (4 lessons)		Digital World: Tinkercad	
	Cooking and nutrition: Come Dine With Me (3-5 lessons)					