

DT Curriculum Map



Nursery							
		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Aut 2	Mechanisms <i>Flap picture</i>	LO: Observe and experiment with how the flap mechanism works in a picture book		LO: Understand that the flap mechanism can be used to make a story exciting. Have a go at selecting pictures and putting them together to create their own flap picture		LO: Use the knowledge and skills from previous lessons to make a flap picture with minimal adult input	
Spr 2	Structures <i>Bed</i>	LO: Select and adapt materials that are the correct shape and size for a fairy bed		LO: Make the fairy bed strong and comfy		LO: Add creative ideas to a design	
Sum 2	Food <i>Fruit Salad</i>	LO: Know where some fruits come from		LO: Express a taste preference and select my 3 favourite fruits for my fruit salad		LO: Chop/ prepare the fruits for a fruit salad	
Reception							
Spr 1	Structures <i>Boats</i>	LO: Test materials to find out whether they are waterproof or not.	LO: Make predictions for which materials float or sink.	LO: Investigate how the shape and structure of boats affects the way they move.	LO: Design a boat according to specific criteria.	LO: Make a boat according to specific criteria.	LO: Evaluate the success of product according to the criteria and suggest improvements
Spr 2	Mechanisms <i>Slider picture</i>	LO: Investigate 2 different sliding picture mechanisms	LO: Make 2 different slider mechanisms	LO: Share ideas about how mechanisms can be used to tell a familiar story	LO: Plan a slider moving picture using one of the ideas from previous lesson	LO: Make my moving picture	LO: Evaluate the success of moving picture and positively evaluate others
Sum 1	Textiles <i>Weaving</i>	LO: Understand that a blanket should be warm and comfortable.	LO: Choose suitable materials for my blanket. Understand that fabrics can be recycled.	LO: Work in a pair to design a blanket.	LO: Weave a blanket using paper.	LO: Weave a blanket.	LO: Evaluate product according to criteria. Share blanket with others explaining the weaving process.
Sum 2	Food <i>Salads</i>	LO: Talk about making healthy food choices	LO: Describe a variety of fruit and vegetables	LO: Plan a salad	LO: Prepare different fruit and vegetables using a variety of tools	LO: Prepare a salad according to a criteria	LO: Evaluate salad and discuss any changes
Year 1							
Aut 2	Mechanisms <i>Lever Picture</i>	LO: Know the three key components of a lever mechanism and how they work together in a moving picture	LO: Design a moving picture using the lever mechanism	LO: Create a background for my moving picture on Purple Mash	LO: Make a moving picture using the lever mechanism	LO: Use the skills and knowledge of levers to create my own moving picture	LO: Evaluate moving picture and the work of others. Discuss any changes or improvements
Spr 1	Textiles <i>Hand Puppet</i>	LO: Explore a collection of puppets and talk about how they work	LO: Mark, cut and join two identical pieces of material using tools and equipment safely.	LO: Develop criteria to design a hand puppet	LO: Join 2 pieces of fabric safely to make my hand puppet.	LO: Mark out, shape and apply materials to make puppet look like a story character.	LO: Evaluate the process of designing and making a hand puppet. Discuss any improvements.
Spr2	Structures <i>Chair</i>	LO: Investigate a variety of chairs and discuss their characteristics and structures.	LO: Experiment with joints	LO: Design a chair for baby bear.	LO: Build a chair for baby bear		LO: Evaluate the process of designing and making a chair and reflect upon any changes
Year 2							
Aut 2	Food <i>Wraps</i>	LO: Investigate ingredients for wraps and how they have been prepared	LO: Learn how to prepare foods safely	LO: To taste foods and think about different flavour combinations for wraps	LO: Plan a wrap and design packaging for wrap	LO: To make a wrap using design brief To make packaging for their wrap using design brief	
Spr 1	Mechanisms <i>Wheels / Axles</i>	LO: Investigate wheels and axles and the different ways they can attach together Investigate the different ways the axle can attach to the chassis		LO: Design a vehicle with wheels	LO: Make a vehicle with wheels		LO: Evaluate product and the work of others. Make suggestions for improvements or alternative models
Sum 2	Structures <i>Slide</i>	LO: Investigate 3 structural components of a slide	LO: Practise joining materials at an angle to create strong support for a model slide	LO: Design a slide, adding creative features to the structure	LO: Make a model slide according to a design.		LO: Evaluate the structural soundness as well as creative features of product