

Design and Technology Skills Ladder

Skills ladders show the disciplinary knowledge that children will learn in the subject.



Strand	EYFS		Y1	Y2
	F1/Nursery	F2/Reception		
Textiles	I can thread paper/ribbon in and out.	I can thread a ribbon/paper continuously in one direction. I can thread in and out. I can thread up and down.	I can use a running stitch. I can join two pieces of material with a staple. I can use a template to create a shape. I can use needles safely.	I can use a running stitch. I can use an overstitch. I can create my own shape on a piece of felt. I can use beads, sequins and other craft materials to add detail to my design.
Healthy Me	I can wash my hands before touching food. I can mix ingredients. I can use a knife safely. I can flatten dough with a rolling pin.	I can follow a recipe by measuring ingredients with support.	I can identify and sort food depending on the food group it is in. I can cut fruit and vegetables safely using a knife. I can identify healthy and unhealthy food choices.	I can use the bridge cut technique to chop ingredients. I can create my own recipe. I can talk about where my food comes from. I can slice, peel and cut ingredients.
Structures	I can use equipment to make a tower I can start a structure with a flat base I can make a tower taller by adding more	I can build a strong base to support a taller tower	I can select a suitable joining technique when joining materials together I can create legs for my structure using kitchen roll tubes. I can cut the tube at the top and bottom to create a stronger join (flange) I can attach my legs to a solid base.	I can make my structure stronger by adding layers. I can make my joins stronger by adding tape I can pierce a hole in my structure and cut away from it to create a flap i.e. window or door.
Mechanisms	I can fold paper in half to create a movement	I can fold paper to create a spring effect.	I can fix an axle to a wheel I can cut a dowel with a junior hacksaw I can use a vice to hold wood I can attach my wheel and axle to a structure to create a moving part.	I can piece a start point and end point into my paper and cut along it to create a slit in my card. I can secure my slider handle in place using tape. I can use a split pin to create a pivot point I can create a sliding motion (slider) I can create a circular motion (lever)