



KS1 Design Technology

EYFS

Children safely use and explore a variety of materials, tools and techniques when building and creating. They share their creations confidently, explaining the processes they used. They begin to evaluate their success and discuss any changes they would make.

Cycle A			Cycle B		
Y1/2			Y1/2		
Autumn structures	Spring Mechanisms	Summer Cooking (smoothies)	Autumn Structures (baby bears chair)	Spring Cooking (sandwich)	Summer Textiles
<p>1.I can investigate and evaluate stable structures. (Use 3 Little Pigs Houses) How do I create stability?</p> <p>2. I can hold and use safety scissors to cut straight linesI can fold paper in half</p> <p>3.I can join materials using glue, masking tape (add to this)</p> <p>4.I can strengthen materials by folding and creating supporting structures</p> <p>5.I can design a stable house</p> <p>6.I can evaluate my final product.</p>	<p>1.I can investigate different types of sliders and leavers in mechanical books.</p> <p>2.I can create a vertical slider.</p> <p>3.I can design a moving picture. (Using a vertical slider.)</p> <p>4.I can create a moving picture.</p> <p>5.I can evaluate my moving picture.</p>	<p>1.I can investigate what a healthy diet is and understand what it means to eat a healthy diet.</p> <p>2.I can explore different types of fruit and vegetables that would go in a smoothie and understand where it comes from.</p> <p>3.I can explore and taste a variety of smoothies and decide which flavours I like. (sweet, sour, salty)</p> <p>4.I can cut fruit using the bridge cut.</p> <p>5.I can design a class smoothie and make it.</p> <p>6. I can evaluate my smoothie.</p>	<p>1.I can investigate structures and understand what is stable and unstable.</p> <p>2.I can investigate the stability of 3d shapes.</p> <p>3.I can investigate different chairs on the market and discuss the chair legs shape and number.</p> <p>4.I can design a stable chair.</p> <p>5.I can make a stable chair.</p> <p>6. I can evaluate my chair.</p>	<p>1.I can investigate what a healthy diet is and understand what it means to eat a healthy diet.</p> <p>2.I can explore what you need to make a healthy sandwich and what equipment you'll need.</p> <p>3.I can explore different fruit and veg that you would put in a sandwich and what other food from the food wheel is healthy could be added.</p> <p>4.I can chop veg using the bridge cut and claw grip.</p> <p>5.I can taste and select what will go into my healthy sandwich.</p> <p>6. I can make and evaluate my sandwich.</p>	<p>1.I can explore different puppets on the market. (embellishments)</p> <p>2.I can investigate different ways to join fabric together. Staples, glue, (stitching Y2/ more able Y1)</p> <p>3.I can design a puppet.</p> <p>4.I can make a puppet.</p> <p>5.I can evaluate a puppet.</p>
Children will understand how to make a structure stable and will have made a stable house.	Children will have made a moving picture and know how to make a lever.	Children will have made a healthy smoothie and understood the importance of a balanced diet.	Children will have made a model chair and tested it stability.	Children will have made a healthy sandwich and understood the parts of the food wheel.	Children will have made a puppet and understood different ways to join fabric together.
Stable, Structure, base Strengthen, stiffness design, make, evaluate	Assemble, design, criteria Input, mechanism, model Sliders, input	Fruit, vegetable, healthy, diet, smoothie, taste, blend	stable, test, model, design, strong, properties	Fruit, vegetable, food wheel, taste, construct.	Sew, join, fabric, stitch, embellishment.