



DT Reception Overview

Design and Technology EYFS: Reception Cycle A			
Cooking and nutrition Soup Autumn project: Hibernation boxes.	Structures: Junk Modelling Christmas project: Sliding Santa Chimneys	Textiles: Bookmarks Spring/Easter project: Flower threading/Easter egg hanging	Structures: Boats Summer project: Designing and making a rainbow salad.
Cooking and nutrition <u>Composite piece</u> To design and make a class fruit and vegetable soup recipe.	Structures <u>Composite piece</u> To develop, plan and build a junk model.	Textiles <u>Composite pieces</u> To design, plan and sew a bookmark, using hessian fabric and thread.	Structures <u>Composite piece</u> To design, build and test a boat model.
Subject Specific Vocabulary			
<u>Cooking and nutrition: Soup</u> Fruit, Vegetables, Safety, Knife, Blade, Tool, Edge, Handle, Chop, Slice, Cut, Saucepan, Blender, Chopping board, Hob, Boil, Blend, Mix, Packaging, Recyclable, Metal, Plastic, Re-useable. <u>Structures: Junk Modelling</u> Join, Stick, Cut, Bend, Slot, Scissors, Measure, Materials, Fix. <u>Textiles: Bookmarks</u> Thread, Weave, Pattern, Sew, Sewing needle, Embroider, Design, Evaluate <u>Structures: Boats</u> Waterproof, Absorb, Prediction, Variable, Experiment, Investigation, Float, Sink, Junk.			
Skills			
Design	Make	Evaluate	
<u>Cooking and nutrition: Soup</u> I can name some fruits. I can name some vegetables.	<u>Cooking and nutrition: Soup</u> <u>I can explore a pumpkin, using all five senses.</u> I can learn how to use a knife safely.	<u>Cooking and nutrition: Soup</u> I can talk about which fruits I like/dislike. I can talk about which vegetables I like/dislike.	



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<p>I can match fruits.</p> <p>I can match vegetables.</p> <p>I can design a fruit and vegetable class recipe.</p> <p>I can design food packaging.</p> <p><u>Structures: Junk Modelling</u></p> <p>I can verbally plan my design for a junk model.</p> <p><u>Textiles</u></p> <p>I can use beads or ribbon to thread/weave a pattern.</p> <p>I can use felt tips to copy my design onto hessian.</p> <p><u>Structures: Boats</u></p> <p>I can explore waterproof materials.</p> <p>I can explore materials which float.</p> <p>I can explore materials which sink.</p> <p>I know the shape and structure of a boat will affect the way it moves.</p>	<p>I can safely use tools to prepare ingredients.</p> <p><u>Structures: Junk Modelling</u></p> <p>I can name the materials and tools used for junk modelling.</p> <p>I can explore different materials and ways of attaching and joining them together (glue, split pins, masking tape).</p> <p><u>Textiles</u></p> <p>I can thread beads onto string or wool.</p> <p>I can weave fabric materials through a weaving board.</p> <p>I can use a large plastic needle to thread wool through cardboard or a threading board.</p> <p>I can cut along vertical lines.</p> <p>I can thread a needle with wool.</p> <p>I can thread simple stitches.</p> <p>I can sew stitches in a straight line.</p> <p>I can sew stitches in a curved line.</p> <p>I can design a bookmark, using coloured pencils to represent the thread or wool.</p> <p>I can use felt tips to copy my design onto hessian.</p> <p>I can complete my design using a simple running stitch.</p> <p><u>Structures: Boats</u></p> <p>I can explore waterproof materials.</p> <p>I can explore containers that float or sink.</p> <p>I can draw a boat design, using shapes.</p> <p>I can label the features of a boat.</p> <p>I can use a variety of resources to build a boat.</p> <p>I can create a boat based on my design.</p>	<p>I can name the most popular fruits and or vegetables.</p> <p>I can describe the finished soup (sweet, sour, creamy).</p> <p>I can describe how a fruit or vegetable looks, feels and smells.</p> <p><u>Structures: Junk Modelling</u></p> <p>I can share my model.</p> <p>I can talk about my model and the processes I have used.</p> <p><u>Textiles</u></p> <p>I can say if a fabric design looks like a paper design.</p> <p>I can say why it is similar/different.</p> <p>I can talk about which parts I found easy/difficult.</p> <p>I can talk about which parts I would do differently next time.</p> <p><u>Structures: Boats</u></p> <p>I can test my predictions for which materials are waterproof.</p> <p>I can talk about what I see, using the appropriate vocabulary, for example water beads, absorb, leak, wet, dry.</p> <p>I can talk about what I see, whether materials float or sink.</p> <p>I can talk about my most/least favourite boat.</p> <p>I can talk about the best shape for a boat.</p> <p>I can offer explanations as to which container floats best on the water</p>
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Knowledge (I will know...)	
Technical	Additional
<p><u>Cooking and nutrition</u></p> <p>I know that fruits grow on a plant after the flowers have gone. I know that fruits contain the plants seeds. I know that vegetables do not contain seeds. I know that food that comes from plants are healthy. I know that by eating healthy foods it helps my body to grow big and strong.</p> <p><u>Structures: Junk modeling</u></p> <p>I know what the different tools are used for (e.g. scissors for cutting). I know that some materials (glue stick) are not strong enough to join heavier materials together (plastic). I know how to plan and select the resources needed to make a model. I know that some joins are temporary. I know that some joins are permanent.</p> <p><u>Textiles</u></p> <p>I know to hold beads steady when threading. I know to push the needle through and pull it through the other side. I know how to make a weaving base. I know how to weave; in; out; over and under from side to side. I know the next piece of material must weave through the opposite way to the first. I know I can use thread or wool to design a product.</p> <p><u>Structures</u></p> <p>I know how to make a test fair by using the same sized material and the same amount of water. I know how to test whether materials are waterproof. I know that a waterproof material does not let water pass through. I know which materials will float. I know which materials will sink.</p>	<p><u>Cooking and nutrition</u></p> <p>I know that food that comes from plants are healthy. I know that by eating healthy foods it helps my body to grow big and strong.</p> <p><u>Structures: Junk Modelling</u></p> <p>I know to use my small motor skills to use a range of tools with increasing accuracy. I know how to identify a problem and suggest a way to improve it. I know I can join materials together to make something new.</p> <p><u>Textiles</u></p> <p>I know how to practice and apply weaving skills to specific materials such as paper or ribbon. I know to glue the paper strips at the end to stop them from slipping.</p> <p><u>Structures: Boats</u></p> <p>I can name different types of boats and their uses. I know a boat and a ship travel on water. I know a ship is bigger than a boat.</p>



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