

MTP – DT – Spring 1

Topic	What is our school made of? (DT Kapow: Textiles: pouches)				
N.C Learning Objectives	<p>Design</p> <ul style="list-style-type: none"> Design purposeful, functional, appealing products for themselves or other users based on design criteria. Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <p>Make</p> <ul style="list-style-type: none"> Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <p>Evaluate</p> <ul style="list-style-type: none"> Explore and evaluate a range of existing products Evaluate their ideas and products against design criteria 				
Vocabulary	<p>Fabric</p> <p>A natural or man-made woven or knitted material that is made from plant fibres, animal fur or synthetic material.</p>	<p>Stencil</p> <p>A shape that you can draw around.</p>	<p>Template</p> <p>A stencil which you use to help you draw a shape more easily on to different materials.</p>	<p>Sew</p> <p>To join or fasten by stitches made using a needle and thread.</p>	<p>Running stitch</p> <p>A simple style of sewing in a straight line with no overlapping.</p>
	LEARNING OBJECTIVE	STICKY KNOWLEDGE FACT	Core learning		
Lesson 1	<p>We are learning to join fabrics together using different methods.</p> <p>Core learning</p> <ul style="list-style-type: none"> Children to experiment joining fabric together by pinning, stapling or glueing 	<p>You can combine materials using a variety of techniques such as cutting, gluing, stapling or pinning.</p>	<ul style="list-style-type: none"> Children to experiment joining fabric together by pinning, stapling or glueing 		

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Lesson 2	We are learning to sew a running stitch	Materials can also be combined using a running stitch that is neat and evenly spread.	<ul style="list-style-type: none"> ● Children to thread a needle ● Children to experiment with a running stitch ● Children to use neat and evenly stitches to join fabric
Lesson 3	We are learning to use a template	A template is a stencil, which you can use to help you draw a shape.	<ul style="list-style-type: none"> ● Children to use a template ● Children to cut fabric neatly ● Children to pin fabric accurately ● Children to design a pouch
Lesson 4	We are learning to join fabrics using a running stitch	A running stitch is a simple style of sewing in a straight line with no overlapping.	<ul style="list-style-type: none"> ● Children to sew neat, even stitches ● Children to thread a needle ● Children to tie a knot at either end of the thread
Lesson 5	We are learning to use a template to create a design for decoration	Decorating something makes it look more attractive by putting things on or around it.	<ul style="list-style-type: none"> ● Children to decide which Traction Man character they want to use to decorate their pouch ● Children to design a template of a character from Traction Man ● Children to use the template to cut out their Traction Man character.
Lesson 6	We are learning to decorate a pouch using glue or fabric	Designers evaluate their finished products to test if the products works well and to see whether anything could be improved.	<ul style="list-style-type: none"> ● Children to join items using fabric glue and stitches ● Children to decorate fabric using different items ● Children can evaluate their designs

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Topic	What is our school made of? (Kapow: Y2 Food: A balanced diet)				
N.C Learning Objectives	<p>Evaluate</p> <ul style="list-style-type: none"> • Explore and evaluate a range of existing products • Design purposeful, functional, appealing products for themselves and other users based on design criteria • Evaluate their ideas and products against design criteria <p>Cooking and nutrition:</p> <ul style="list-style-type: none"> • Understand where food comes from • Use the basic principles of a healthy and varied diet to prepare dishes. 				
Vocabulary	<p>Diet</p> <p>The food and drink that a person or animal usually eats.</p>	<p>Healthy</p> <p>When everything in your body and head feels good.</p>	<p>Sugar</p> <p>An ingredient which is used to make food taste sweet. It comes from the sugar cane plant or from sugar beet.</p>	<p>Ingredients</p> <p>Items that make up a mixture e.g. foods that make a recipe are known as ingredients.</p>	<p>Refrigerator</p> <p>A large kitchen appliance that keeps food and drink cool so that it will keep fresh for longer.</p>
	LEARNING OBJECTIVE	STICKY KNOWLEDGE FACT	LESSON ACTIVITIES		
Lesson 1	We are learning to know what makes a balanced diet.	<p>The five different food groups are:</p> <ol style="list-style-type: none"> 1. Carbohydrates 2. Fruit and vegetables 3. Protein 4. Dairy 5. Foods high in fat and sugar 	<ul style="list-style-type: none"> • Children know why hidden sugars are • Children know where to find nutritional information on a drinks container • Children know that there are five food groups made up of: fruit and vegetables, starchy carbohydrates, proteins, dairy, oils and spreads • Children know how much of each food group they should eat each day 		
Lesson 2	We are learning to taste test food combinations.	<p>Many unexpected food products can have high amounts of sugars such as pasta sauces and fizzy pop.</p> <p>(A jar of tomato pasta sauce has 20grams, one plain white bagel has 6 grams and a fruit</p>	<ul style="list-style-type: none"> • Children know what foods fall into which food groups • Children know how to experience food through touch and smell • Children can consider and review food combinations • Children know that the most ideal ingredient combinations for their wrap will contain foods from more than one food group 		

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		fromage frais pot has 10 grams).	
Lesson 3	We are learning to design a healthy wrap.	Nutrients are substances in food that all living things need to make energy, grow and develop.	<ul style="list-style-type: none">● Children can remember which food combinations work well together● Children to design three possible wraps based on these combinations● Children to choose one of these as a final design● Children know how to slice food safely using the bridge or claw grip
Lesson 4	We are learning to make a healthy wrap.	A balanced diet consists of eating a variety of foods from all five different food groups.	<ul style="list-style-type: none">● Children know how to prepare food safely● Children can make a healthy wrap● Children review their design