

<b>Yr 2</b>	<b>Mechanisms</b> Wheels and Axels	<b>Food</b> Healthy Choices- Wrap	<b>Textiles</b> Pouches
<b>D&amp;T Skills</b>	<p><u>Design</u> Designing an axel and chassis, suing appropriate materials based on their properties.</p> <p><u>Make</u> Selecting materials according to their characteristics. Follow a design brief.</p> <p><u>Evaluate</u> Evaluating different designs. Testing and adapting a design.</p>	<p><u>Design</u> Designing smoothie after looking at existing products</p> <p><u>Make</u> Chopping fruit and vegetables safely to make a smoothie.</p> <p><u>Evaluate</u> Tasting and evaluating different food combinations. Describing appearance, smell and taste.</p>	<p><u>Design</u> Designing a pouch</p> <p><u>Make</u> Selecting and cutting fabrics for sewing. Threading a needle. Sewing running stitch, with evenly spaced, neat, even stitches to join fabric. Neatly pinning and cutting fabric using a template.</p> <p><u>Evaluate</u> Evaluating the quality of the stitching on others' work. Discussing as a class, the success of their stitching against the success criteria. Identifying aspects of their peers' work that they particularly like and why.</p>
<b>Context and User</b>	<p>Traction Man Traction Man needs his own vehicle to solve household crimes! Help him to make one!</p>	<p>School Dinners The adults in the kitchen need your help to design a tasty wrap for the summer menu.</p>	<p>Skinny Dip This company need your help to create a phone pouch to keep teenager's phones safe.</p>
<b>D&amp;T Sticky Knowledge</b>	<p>Investigate a suitable linkage system to allow an axel to rotate with a wheel attached.</p> <p>To know that a mechanism is the parts of an object that move together to perform an action.</p>	<p>To identify if a food is a fruit or a vegetable.</p> <p>To know where some fruits and vegetables grow.</p> <p>To know that a fruit has seeds and a vegetable does not.</p>	<p>To know that sewing is a method of joining fabric.</p> <p>To know that different stitches can be used when sewing.</p> <p>To understand the importance of tying a knot after sewing the final stitch.</p>
<b>Key Vocabulary</b>	<p>Axle, axle holder, chassis, diagram, dowel, equipment, mechanism, wheel</p>	<p>Eatwell plate, slice, cut, chop, roll, spread, ingredients, method, equipment, measure, carbohydrate, fruit,</p>	<p>Decorate, fabric, fabric glue, knot, needle, needle threader, running stitch, sew, template, thread</p>



## Castercliff Primary Academy – DT Progression Yr2.



		vegetable, fat, salt, healthy choices	
<b>Aspirations</b>	Mechanic Designer Engineer	Retailer Chef Nutritionist Dietician Food Scientist	Designer Fashion Designer Needle worker Embroider Seamstress