



## KS1 Cycle 1 Design and Technology Medium Term Plan

	Autumn	Spring	Summer
<b>Unit of Work</b>	<b>Structures:</b> Freestanding Structures <i>Playground equipment</i>	<b>Cooking and Nutrition:</b> Preparing Fruit and Vegetables <i>Fruit Kebab</i>	<b>Mechanisms:</b> - Sliders and Levers <i>Design, make and evaluate - moving picture</i>
<b>Vocabulary to support Substantive and Disciplinary Knowledge</b>	cut, fold, join, fix, structure, wall, tower, framework, weak, strong, surface, corner, straight, curved  design, make, evaluate, user, purpose, ideas, design criteria, product, function	knife, chopping board, safety, bridge hold, fruit names, healthy diet, ingredients,  design criteria, product, make, evaluate	slider, lever, pivot, slot, bridge/guide card, split pin, join, pull, push, up, down,  design, make, evaluate, user, purpose, ideas, design criteria, product, function

<p><b>Lesson Objective</b></p>	<ul style="list-style-type: none"> <li>• To know what freestanding structures are and to use relevant vocabulary.</li> <li>• To explore the joins used to make freestanding structures. (blu tack, sellotape, paper clips, twist pipe cleaners etc)</li> <li>• To select a join for purpose.</li> <li>• To design a freestanding structure (park). (choose which join to use)</li> <li>• To make a freestanding structure.</li> <li>• To evaluate my freestanding structure.</li> </ul>	<p>At the start of each lesson recap food hygiene (in a variety of ways)</p> <ul style="list-style-type: none"> <li>• To understand the importance of food hygiene.</li> <li>• To understand where fruit comes from.</li> <li>• To understand the principles of a healthy diet.</li> <li>• To know how to use a knife safely (playdoh). <ul style="list-style-type: none"> <li>• To design a fruit kebab.</li> </ul> </li> <li>• To make and evaluate a fruit kebab.</li> </ul>	<ul style="list-style-type: none"> <li>• To evaluate moving pictures made by others.</li> <li>• To explore sliders. (make a mock up using paper)</li> <li>• To explore levers. (make a mock up using paper)</li> <li>• To design a moving picture using a template. (Select slider or lever) <ul style="list-style-type: none"> <li>• To make a moving picture following my design.</li> </ul> </li> <li>• To evaluate my moving picture.</li> </ul>
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