



Long-term Plan for Resistant Materials

2015-2016

Subject Leader: Shaun Stevens

YR 5	
Autumn	<p>[Title of unit] Designer Bags</p> <p>[Main focus] In this textiles unit of work children learn a range of techniques for working with textiles through designing and making designer bags. They look at bags for a variety of users and purposes and learn that designers must address a range of needs when designing bags, including appearance, safety, comfort, practicality and size. They will learn about making accurate patterns/templates and detailed working drawings and how to pin, sew and stitch materials including using a sewing machine. The emphasis is on making a quality product and on developing their making and finishing skills.</p>
Spring	<p>[Title of unit] Fruit Cocktails</p> <p>[Main focus] In this unit children research the variety of fruits available and the importance of fruit and vegetables in a balanced diet. During the unit children will learn about other cultures and their food. The children investigate products and evaluate the nutritional value on labels, especially on fruit juices and smoothies. They are encouraged to think carefully about the target audience for their new product.</p>
Summer	<p>[Title of unit] Recycling to Sell</p> <p>[Main focus] In this unit pupils learn about the design, construction, finishing and marketing of a range of items from re-cycled</p>



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materials, with emphasis on creating finished products of high quality that can be sold. They learn to use this knowledge and understanding to design and make an item from a range of products using a combination of available materials. When fully tested and completed, the items may be used to sell to raise funds. Pupils will discuss why recycling is important, including cultural and geographical aspects and gather information to generate a number of ideas whilst listing the pros and cons of working with re-cycled materials. They can then discuss possible items that they could make and sell.

The activities allow the pupils to investigate and experiment with structures and strengthening techniques, using a range of materials so that they become aware of how to construct each item correctly, and to identify the parts using the correct terminology.

Pupils can plan a detailed step-by-step approach to designing their product and select a finalised design to begin work on. Understanding how the choice of materials and the accuracy with which it is made will affect the quality of the finished product.