

## Stukeley Federation Design and Technology LKS2 Cycle A

Throughout the year the children will cover a variety of aspects of the design and technology curriculum to ensure all children:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique, evaluate and test their ideas and products and the work of others
- understand and apply the principles of nutrition and learn how to cook.

<b>Autumn Term</b>	<b>Textiles</b> (Sewing Purses) <ul style="list-style-type: none"> <li>• Generate ideas for an item considering its purpose and the user/s</li> <li>• Sew using a range of different stitches to weave and knit</li> <li>• Demonstrate how to measure, tape or pin, cut and join fabric with some accuracy</li> <li>• Begin to use finishing techniques to strengthen and improve the appearance of their product</li> <li>• Evaluate their product against original design</li> <li>• Start to evaluate work both during and at end of assignment</li> </ul>
<b>Summer 1</b>	<b><u>Food and Nutrition</u></b> (Making Soup) <ul style="list-style-type: none"> <li>• Start to know that food is grown (such as tomatoes, wheat and potatoes)</li> <li>• Begin to understand how to use a range of techniques such as peeling, chopping, slicing, grating</li> <li>• Understand how to prepare and cook dishes safely and hygienically</li> </ul>
<b>Summer 2</b>	<b>Structures – Shell structures</b> (Viking Boats) <ul style="list-style-type: none"> <li>• Start to order the main stages of making a product.</li> <li>• Identify a purpose and establish criteria for a successful product</li> <li>• Confidently make labelled drawings from different views showing different features</li> <li>• Develop a clear idea of what has to be done. Plan how to use materials, equipment and suggest alternative methods if first attempt fails</li> <li>• When planning, consider intended user and purpose</li> </ul>