St Peter's Design Technology Medium term Plan



<u>Year 1</u>



Spring 1	Summer 2
Sandwiches	<u>Rafts</u>
<ul> <li>When designing and making, pupils should be taught to:</li> <li>Design         design purposeful, functional, appealing products for themselves and         other users based on design criteria</li> <li>generate, develop, model and communicate their ideas through talking,         drawing, templates, mock-ups and, where appropriate, information and         communication technology         Make</li> <li>select from and use a range of tools and equipment to perform         practical tasks [for example, cutting, shaping, joining and finishing</li> <li>select from and use a wide range ingredients, according to their         characteristics         Evaluate         explore and evaluate a range of existing products</li> <li>evaluate their ideas and products against design criteria.</li> <li>Cooking and nutrition         Pupils should be taught to:         Key stage 1         use the basic principles of a healthy and varied diet to prepare dishes         understand where food comes from.</li> </ul>	<ul> <li>When designing and making, pupils should be taught to:</li> <li>Design         <ul> <li>design purposeful, functional, appealing products for themselves and other             users based on design criteria</li> <li>generate, develop, model and communicate their ideas through talking,             drawing, templates, mock-ups and, where appropriate, information and             communication technology             Make</li> <li>select from and use a range of tools and equipment to perform practical tasks             [for example, cutting, shaping, joining and finishing]</li> <li>select from and use a wide range construction materials, according to their             characteristics             Evaluate</li>             explore and evaluate a range of existing products</ul></li>             evaluate their ideas and products against design criteria             Technical knowledge             build structures, exploring how they can be made stronger, stiffer and more             stable </ul>
<ol> <li>To learn about healthy and unhealthy foods and a varied diet</li> <li>To understand where food comes from (discuss 4<sup>th</sup> Earl oif Sandwich-John Montagu)</li> <li>To evaluate existing products</li> <li>To design a healthy lunch based on design criteria</li> <li>To develop cutting and grating skills</li> <li>To evaluate my product against the design criteria (use evaluation form on server)</li> </ol>	<ol> <li>To learn about characteristics of a raft</li> <li>To evaluate existing products (discuss Maria Beasly- Life rafts)</li> <li>To explore how a structure can be made stronger, stiffer and more stable</li> <li>To develop ideas through drawing, talking and planning based on design criteria</li> <li>To select a range of tools and equipment to make my product</li> <li>To evaluate my product (use evaluation form on server)</li> </ol>