

## Year 1 Design and Technology Coverage

<b>'As Designers, we plan, test and create so we can solve relevant problems to meet the needs of ourselves and those around us'</b>			
Unit:	Global Garden	Signed, Sealed, Delivered	Hot, Hot, Hot!
National Curriculum	Build structures, exploring how they can be made stronger, stiffer and more stable	select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]	use the basic principles of a healthy and varied diet to prepare dishes
Subject Focus	D&T topic - Freestanding Structures We will make a birdfeeder.	D&T topic - Templates and joining We will make a functional post bag.	D&T topic - Preparing fruit and vegetables We will make a loaf of bread.
Top Ten / Fab Five	<ul style="list-style-type: none"> <li>• We will learn to measure, mark out and cut materials</li> <li>• We will build models using construction kits</li> <li>• We will make structures out of card and paper</li> <li>• We will learn how to fold paper to make it stiffer</li> <li>• We will use what we have learned to make a birdfeeder</li> </ul>	<ul style="list-style-type: none"> <li>• We will look at a range of different fabrics</li> <li>• We will learn how to make and use a template</li> <li>• We will use a range of tools to work with fabric</li> <li>• We will learn how to join materials together</li> <li>• We will use what we have learned to make a postbag</li> </ul>	<ul style="list-style-type: none"> <li>• We will learn how to work safely with food</li> <li>• We will learn how to use a range of cooking utensils</li> <li>• We will learn how to prepare different foods</li> <li>• We will know about a healthy diet</li> <li>• We will use what we know to make a loaf of bread with different ingredients.</li> </ul>
Unit specific Vocabulary	cut, fold, join, fix structure, wall, tower, framework, weak, strong, base, top, underneath, side, edge, surface, thinner, thicker, corner, point, straight, curved metal, wood, plastic circle, triangle, square, rectangle, cuboid, cube, cylinder design, make, evaluate, user, purpose, ideas, design criteria, product, function	names of existing products, joining and finishing techniques, tools, fabrics and components template, pattern pieces, mark out, join, decorate, finish features, suitable, quality mock-up, design brief, design criteria, make, evaluate, user, purpose, function	fruit and vegetable names, names of equipment and utensils sensory vocabulary e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard  flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing, healthy diet, choosing, ingredients, planning, investigating tasting, arranging, popular, design, evaluate, criteria