

Linking Plan Bee Design & Technology to the National Curriculum

	Key Stage 1 Objectives	Plan Bee Units			
		Year 1		Year 2	
		Moving Pictures	Homes	Puppets	Perfect Pizzas
1	. to design purposeful, functional, appealing products for themselves and others based on design criteria				
2	. to generate, develop, model and communicate their ideas through talking, drawing, templates, mock ups and, where appropriate ICT				
3	. to select from and use a range of tools and equipment to perform practical tasks. (e.g. cutting, shaping, joining & finishing)				
4	. to select from and use a wide range of construction materials and components, according to their characteristics				
5	. to select from and use a wide range of textile materials and components, according to their characteristics				
6	. to select from and use a wide range of food ingredients and components, according to their characteristics				
7	. to explore and evaluate a range of existing products				
8	.to evaluate their ideas and products against design criteria				
9	. to build structures, exploring how they can be made stronger, stiffer and more stable				
10	. to explore and use mechanisms such as: levers, sliders and wheels				
11	<u>Cooking & nutrition</u> . to use the basic principles of a healthy and varied diet to prepare dishes				
12	. to understand where food comes from				

10	. to apply their understanding of how to strengthen, stiffen and reinforce more complex structures		Yellow		Light Green	Blue		Brown	
11	. to understand and use mechanical systems in their products such as: gears, pulleys, cams, levers and linkages					Blue	Red		
12	. to understand and use electrical systems in their product		Yellow						Magenta
13	.to apply their understanding of computing to program, monitor and control their products		Yellow						Magenta
14	<u>Cooking & nutrition</u> . to understand and use the basic principles of a healthy and varied diet to prepare dishes	Orange							
15	. to prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques	Orange						Brown	
16	. to understand seasonality, and know where and how ingredients are grown, reared, caught and processed	Orange			Linked to Science				