









## Year 2 Mechanisms – Fire Engine

	Key Objectives	Start of unit	End of the Unit
<b>Design</b> 	Can I join 2D and 3D materials effectively in different ways?		
<b>Functionality &amp; Technology</b> 	Can I explore and use wheels, axles and axle holders?		
	Can I build structures (including simple nets) exploring how they can be made stronger, stiffer and more stable?		
	Can I use scissors to cut straight lines, corners and curves?		
<b>Evaluate</b> 	Can I evaluate my ideas and products against design criteria?		
	Can I discuss the improvements needed for my work?		

# Year 2 Nutrition – Healthy Sandwiches

	Key Objectives	Start of unit	End of unit
<b>Design</b> 	Can I write about who my products are for and explain why they will be useful, giving clear examples?		
	Can I collect data from the class e.g. people favourite's filling?		
Functionality & Technology			
<b>Nutrition</b> 	Can I use the basic principles of a healthy and varied diet to prepare dishes?		
	Can I recognise the necessity of following an order in a recipe?		
<b>Evaluate</b> 	Can I discuss the improvements needed for my work?		
	Can I evaluate their ideas and products against design criteria?		

# Year 2 Textiles - Bags

	Key Objectives	Start of unit	End of unit
Design	Can I write about who my products are for and explain why they will be useful, giving clear examples		
	Design purposeful, functional, appealing products for themselves and other users based on design criteria		
Technology & Functionality	Can I take digital photographs of my products and combine them with text to describe and evaluate my products?		
	Can I begin to use basic sewing techniques (running stitch, threading a needle )?		
Nutrition			
Evaluate			