

	<b>Topic</b>	<b>Topic / Book link</b>	<b>Subject Rationale</b>
<b>Year 3</b>	<b>Cooking and Nutrition</b> <b>Bread</b>	Romans	From KS1, children are already aware of the importance of a healthy and varied diet. In Y3, pupils will learn how bread from around the world can contribute to a healthy, varied diet. Pupils will learn more about where their food comes from and how different ingredients are produced (e.g. flour) using research and tasting to design and make bread safely and hygienically.
	<b>Mechanisms and Mechanical Systems</b> <b>Moving Monsters</b>	Vikings	Children will already have knowledge of simple mechanisms to control movement from KS1. This is developed in Y3 when children are introduced to the concept of controlling movement by using a pneumatic system. Alternative ways of controlling movement will be developed even further in Y5 when children learn how to use cam mechanisms.
	<b>Structures</b> <b>Making mini-greenhouses</b>	Plants	Children will have explored making stable structures in Y1. In Y3 they will investigate ways of joining materials to add strength to a structure. They will design to a brief and be able to explain how their product meets a customer's criteria. Children will build on this in Y4 when they create more complex models involving an electrical system.
	<b>Textiles</b>		