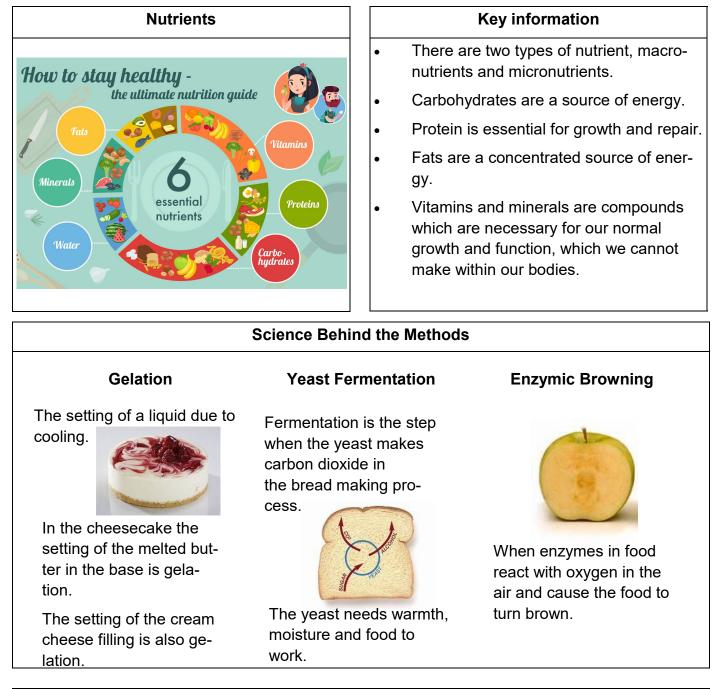
Edward Peake Church of England Middle School			
Food		Topic: Food Preparation and Nutrition	Year: 8
		What should I already know?	
•	How to prepare, combine and shape tuna and chicken.		
•	How to use the hob for water and dry based methods.		
•	How to make sauces.		
•	How to set a mixture.		
•	How to make, shape and fir	ish a dough.	
•	How to select and adjust a d	cooking process.	
•	low to test for doneness.		
•	How to carry out a sensory	analysis.	
•	How to store food safely.		

- What nutrients are and why we need them.
- How to reduce a sauce.
- How to set a mixture by chilling.
- How to use raising agents.
- How to prepare and combine ingredients a range of ingredients.
- How to carry out a food scientific experiment.
- Why presentation of food is an important skill.

Vocabulary			
Nutrients	A substance that provides nourishment essential for growth and the maintenance of life .		
Macronutrients	Provide energy and are needed in large amounts in our diet.		
Micronutrients	Include vitamins and minerals and are essential for our health.		
Knead	To work and press into a smooth, uniform mixture with your hands.		
Prove	To allow the bread dough to rise.		
Sustainable	Maintaining a source of something at a steady level.		
Enzymic browing	When enzymes in food react with oxygen in the air and cause the food to turn brown.		
Hypothesis	A suggestion of what might happen made on the basis of limited evidence as a starting point for further investigation.		

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Investigation tasks

- 1. Carry out a food scientific experiment looking at the use of different raising agents when making cakes. What effect do they have on the appearance, texture and taste of the cakes?
- 2. Research different types of bread, what are the differences in their ingredients and the methods to make them? Can you make any?
- 3. Research into the different nutrients of fruits and vegetables. Can you come up with recipes for a range of healthy smoothies and explain why they are good for your health?
- 4. Sweet and sour chicken is a dish from China, research into other dishes from different countries and present your findings.