Design and Technology

	Design and Technology Rate Wallace		
Subject Area : Cooking and Nutrition			
Year Group: 9	Unit of Work:		
Half Term: 1	Skills:		
	Introduction to the project – Digi book on line		
	Whisked sponge demonstration - teacher demonstration of whisked		
	sponge (& class taste testing) 2 demonstrations: - 1 fully whisked, 1 partially whisked		
	Experiment with raising agents (chemical, biological & physical).		
	Scone experiment group practical task – scone making different raising agents		
	Scone taste test and theory – sensory analysis / comparing results within group work		
	Scone taste test and theory - dextrinisation		
	Savoury scone practical. KA1		
	Practical skills		
	Recall and extend food hygiene		
	Recall and extend working safely in the kitchen		
	Recall and extend 4 C's		
	Recall and extend accurate weighing and measuring		
	Recall and extend use of equipment – electric whisk, digital scales, cutters, rolling guides		
	Recall and extend use of cooking methods – oven		
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Reasons behind order of topic in this half term

To document this information as shown in their theory booklets. By completing the practical skills students will get to understand the mark scheme of the skills element of GCSE course at year 10. There are 6 sections to cover at GCSE and the following practical and theory topics are selected from the following; Section 1 – Food Nutrition and Health

Section 2 – Food science

section 6 – food preparation skills

This will introduce them to the expectations of the NEA 1 task at GCSE - **section 2** changing properties – proteins, raising agents, **section 6** – food preparation skills

Key words = denature, coagulate, foams, chemical, steam, mechanical Recalling skills from year 8 – rubbing in for scones

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Design and Technology Rate Wanace				
Subject Area : Cooking and Nutrition				
Year Group: 9	Unit of Work:			
Half Term: 2	Skills:			
	Review of KA – dirt lesson			
	Gelatinisation			
	Lemon sauce gelatinisation			
	Shortening pastry			
	Shortcrust pastry practical			
	Gas in liquid meringue			
	Lemon meringue pie practical			
	Practical skills Recall and outend food byging			
	Recall and extend food hygiene Recall and extend working safely in the kitchen			
	Recall and extend 4 C's			
	Recall and extend accurate weighing and measuring			
	Recall and extend use of equipment – electric whisk, digital scales, rolling guides, balloon whisk			
	Recall and extend use of cooking methods – hob, oven			

Reasons behind order of topic in this half term

This will introduce them to the expectations of the NEA 1 task at GCSE - section 2 changing properties – carbohydrates and proteins, **section 6** – food preparation skills

Key words = Gelatinisation, Dextrinisation, foams,

Recalling skills from year 8 – rubbing in for shortcrust pastry

Recalling skills from term 1 – rubbing in for scones

Subject Area : Cooking and Nutrition		
Year Group: 9	Unit of Work:	
Half Term: 3	Skills: Lemon meringue pie theory and questions to recall practical Cake experiment group activity with different fats Cake taste test sensory analysis / comparing results within group work and fats and oils theory Cake practical – batch of cakes as a pair Cake decoration designs Decorating cakes as an individual KA2	
	Practical skills Recall and extend food hygiene Recall and extend working safely in the kitchen Recall and extend 4 C's Recall and extend accurate weighing and measuring Recall and extend use of equipment – electric whisk, digital scales, piping skills, decoration Recall and extend use of cooking methods – hob, oven	

Reasons behind order of topic in this half term

This will introduce them to the expectations of the NEA 1 task at GCSE - **section 2** changing properties – fats and oils, **section 6** – food preparation skills

Key words = aeration, shortening, decorating

Recalling skills from year 8 - whisking / sponge pudding

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Subject Area : Cooking and Nutrition		
Year Group: 9	Unit of Work:	
Half Term: 4	Skills: Review of KA – dirt lesson and Aeration in pastry Pastry comparison sensory analysis Palmiers or twists Nutritional needs and health – food diary linked with the Eat well guide Nutritional needs and health – different life stages	
	Planning and creating a balanced meal Practical skills Recall and extend food hygiene Recall and extend working safely in the kitchen Recall and extend 4 C's Recall and extend accurate weighing and measuring Recall and extend use of equipment – rolling pin, pastry brush, rolling guides Recall and extend use of cooking methods – hob, oven	

Reasons behind order of topic in this half term

This will introduce them to the expectations of the NEA 1 task at GCSE – section 1- healthy eating guidelines, nutritional needs of different age groups, planning meals for different groups. Section 2 changing properties – raising agents, section 6 – food preparation skills Key words = portion size, costings, steam

Recalling skills from year 7 & 8 – nutrition and health

Subject Area : Cooking and Nutrition		
Year Group: 9	Unit of Work:	
Half Term: 5	Skills: Jambalaya – developing the recipe for a child aged 5-10 years Planning meals for specific dietary needs – e.g. lactose free, high fibre Taste testing products Gelatinisation in pasta and white sauce making Basic pasta making practical – fresh egg pasta	
	Practical skills Recall and extend food hygiene Recall and extend working safely in the kitchen Recall and extend 4 C's Recall and extend accurate weighing and measuring Recall and extend use of equipment –digital scales, balloon whisk, pasta roller Recall and extend use of cooking methods – hob	

Reasons behind order of topic in this half term

This will introduce them to the expectations of the NEA 1 task at GCSE – section 1- healthy eating guidelines, nutritional needs of different age groups, planning meals for different groups. Section 2 changing properties – raising agents, proteins, section 6 – food preparation skills Key words = portion size, costings, eat well guide, healthy diet, gluten, dough Recalling skills from first term 2 – sauce making

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Design and Technology	Kate Wallace		
Subject Area : Cooking and Nutrition			
Year Group: 9 Unit of Work:			
Half Term: 6 Skills:			
Macaroni cheese development and dirt time			
Macaroni cheese			
Bread ingredients and taste testing shop bough	ht breads		
Basic bread practical			
KA3 exam			
Developed bread practical – shaping and flav	our development		
KA feedback – DIRT time			
Practical skills			
Recall and extend food hygiene			
Recall and extend working safely in the kitcher	า		
Recall and extend 4 C's			
Recall and extend accurate weighing and me	asuring		
Recall and extend use of equipment –digital sc	cales, balloon whisk,		
Recall and extend use of cooking methods – h	ob and oven		

Reasons behind order of topic in this half term

This will introduce them to the expectations of the NEA 1 task at GCSE -Section 2 changing properties raising agents, proteins, carbohydrates, **section 6** – food preparation skills Key words = gluten, dough, yeast, dextrinisation

Recalling skills from first term 2 – sauce making