## Curriculum Map – Design Technology -Year 10

	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
Key focus	Food Preparation and Nutrition Students will explore and develop their ability to analyse nutritional content of food through study of macro and micronutrients and the effect of poor diets on the workings of the body	Food Preparation and Nutrition To encourage students to be safe and organised in the workstation both in and out of the classroom through practical food prep lessons following a range of complex recipes.	Food Preparation and Nutrition To secure knowledge and understanding of current government dietary guidelines and nutritional data	Food Preparation and Nutrition To continue to develop confidence in safety and hygiene when using equipment such as knives, grills, hobs and ovens students to begin to tackle complex processes and techniques	Food Preparation and Nutrition To begin to grasp and develop knowledge of the scientific concepts behind the cooking of food	Food Preparation and Nutrition To secure knowledge and understanding in world cuisine, current issues in Health & Nutrition, Food choice and Food provenance and manufacture of food products
Key knowledge and skills	<ul> <li>Be able to research, plan and carry out an investigation into the working characteristics, functional and chemical properties of ingredients.</li> <li>Demonstrate understanding of recording findings.</li> </ul>	<ul> <li>Showcase food preparation/ technical skills.</li> </ul>	Be able to research, plan and carry out an investigation into the working characteristics, functional and chemical properties of ingredients.	<ul> <li>Analyse and evaluate results.</li> <li>Demonstrate presentation skills.</li> </ul>	<ul> <li>Be able to plan, prepare, cook and present food dishes.</li> </ul>	Revision to cover: Food and Nutrition and Health, Food Science, Food Safety, Food Choice, Food Provenance
Key words/ vocabulary	Key terms: proving, functions, proportions, fermentation, proving. Cross contamination	high risk food, shaping, recipe development/ flavouring	finishing techniques, Hazard, safety, bridge/ claw methods	Eatwell guide, cross contamination, hygiene	Weighing, measuring, rubbing in	peeling, chopping, slicing, shaping
Assessment method	Teacher, self/ peer assessment	Externally marked/ moderated				
Wider links	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>	<ul> <li>Numeracy – weighing &amp; measuring, portion control, nutritional analysis and evaluation, costing of recipes, budgeting.</li> <li>Literacy – key words, report writing/ structure including SPAG, ability to use key terms esp. to</li> </ul>

"Perseverance produces character, and character, hope" (Romans 5:4)

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	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>	<ul> <li>answer exam style questions and NEA reports.</li> <li>Science – investigations and understanding of functional and chemical properties of ingredients, understanding of protein denaturation, dextrinisation etc.</li> <li>PSCHE – teamwork, building impendence and confidence through discussion and practical skill</li> </ul>
Enrichment opportunities	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE Revision  </u> <u>Revision World</u>	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE</u> <u>Revision   Revision</u> <u>World</u>	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE</u> <u>Revision   Revision</u> <u>World</u>	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE</u> <u>Revision   Revision</u> <u>World</u>	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE</u> <u>Revision   Revision</u> <u>World</u>	CSE Food Preparation & Nutrition AQA Complete Revision & Practice book My Revision Notes: AQA GCSE Food Preparation and Nutrition • Food Preparation and <u>Nutrition GCSE</u> <u>Revision   Revision</u> <u>World</u>
Careers links	Food technologist, Health and safety inspector, Nutritional therapist, Nutritionist	Product/process development scientist, Production manager	Quality manager, Regulatory affairs officer, Secondary school teacher,	technical brewer, Chef, Procurement manager	Research scientist (life sciences). Scientific laboratory technician, Toxicologist	Research scientist (life sciences). Scientific laboratory technician, Toxicologist



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