

FOOD TECHNOLOGY & COOKING AND NUTRITION COMPOSITE KNOWLEDGE COVERAGE KEY STAGE 3

Intent:

At Tor View, through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making within Food technology. They should work in a range of domestic & local contexts [for example, home, restaurants, take-aways, street food, survival cooking] and industrial contexts [for example, food manufacture food, energy, agriculture (including horticulture), sustainability. As part of their work with food, pupils should be taught how to cook & apply the principles of nutrition, including healthy eating, good nutrition and hygiene. We will teach pupils that learning how to cook is a crucial life skill that enables pupils to feed themselves and others affordably & well, now and in later life. Cooking and Nutrition encourages active engagement in learning, equipping pupils with skills to facilitate independence within the kitchen and an understanding of food that provides us with the nutrients to keep us alive. Food provides energy to the body, which helps us to grow. Food also provides the body with the requirements that help in building new tissues and cells for growth. Instilling a love of cooking in pupils will also open a door to one of the great expressions of human creativity.

		Cycle A (2023 - 2024) KEEPING SAFE IN THE KITCHEN/FOOD HYGIENE	Cycle B (2024 - 2025) BASIC SKILLS National Curriculum coverage to be	Cycle C (2025 - 2026) HEALTHY EATING National Curriculum coverage to be taught at differentiated	should be the alth so that they nd varied diet gutensils and s; using w to season g their own g their own
Autumn	1	National Curriculum coverage to be taught at differentiated Developmental steps. select from and use specialist equipment, techniques, processes, equipment and machinery precisely and know how to use all kitchen equipment safely	taught at differentiated Developmental steps. select from & use specialist equipment, techniques, processes, equipment & machinery precisely and know how to use all kitchen equipment safely	Developmental steps. test, evaluate & refine their ideas and products against a specification, considering views of intended users & other interested groups develop specifications to inform the design of innovative, functional, appealing products that respond to needs in a variety of situations	chnology sessions, pupils should be be principles of nutrition and health dominantly savoury dishes so that the lives and others a healthy and varied range of cooking techniques [for preparing ingredients; using utensils plying heat in different ways; using ure and smell to decide how to seas redients; adapting and using their ow seasonality and characteristics of a k
A	2	KITCHEN SAFETY/KNIFE SKILLS National Curriculum coverage to be taught at differentiated Developmental steps. use specialist equipment, techniques, processes, equipment and machinery precisely and know how to use all kitchen equipment safely	National Curriculum coverage to be taught at differentiated Developmental steps. understand & use the properties of different food groups & the performance of adding additional ingredients to create a different outcome	HEALTHY EATING National Curriculum coverage to be taught at differentiated Developmental steps. identify and solve their own design problems & understand how to reformulate problems given to them – including designing a menu for a certain cohort of people	When taking part in Food Technology sessions, pupils should I taught to: understand and apply the principles of nutrition and health cook a repertoire of predominantly savoury dishes so that are able to feed themselves and others a healthy and varie become competent in a range of cooking techniques [for example, selecting and preparing ingredients; using utensi electrical equipment; applying heat in different ways; using awareness of taste, texture and smell to decide how to see dishes and combine ingredients; adapting and using their recipes] understand the source, seasonality and characteristics of a construction of the constructions.

	1	KNIFE SKILLS & SAFETY/USING AN OVEN National Curriculum coverage to be taught at differentiated Developmental steps. understand how more advanced mechanical systems used in their products enable a better/more time effective outcome – using an oven/microwave/pizza oven/bar-b-que	•	MACRONUTRIENTS National Curriculum coverage to be taught at differentiated Developmental steps. select from and use a wider, more complex range of materials, components and ingredients, considering their properties including using different food types	•	HEALTHY EATING National Curriculum coverage to be taught at differentiated Developmental steps. understand developments in design and technology, its impact on individuals, society & the environment, & the responsibilities of designers, chefs, food manufacturers & growers
Spring	2	 FRUIT & VEGETABLES National Curriculum coverage to be taught at differentiated Developmental steps. Macronutrients are the nutrients we need in larger quantities that provide us with energy: in other words, fat, protein and carbohydrate. Micronutrients are mostly vitamins & minerals, & are equally important but consumed in very small amounts. We generally get our micronutrients along with macronutrients. 	•	MACRONUTRIENTS National Curriculum coverage to be taught at differentiated Developmental steps. Macronutrients are the nutrients we need in larger quantities that provide us with energy: in other words, fat, protein and carbohydrate. Micronutrients are mostly vitamins & minerals, & are equally important but consumed in very small amounts. We generally get our micronutrients along with macronutrients.	•	BEST OF BRITISH/LANCASHIRE FESTIVAL National Curriculum coverage to be taught at differentiated Developmental steps. develop & communicate design ideas using annotated sketches, detailed plans for recipes & methods & oral & digital presentations use a variety of approaches to generate creative ideas & avoid stereotypical responses – for example making a traditional Lancashire dish
mmer	1	FRUIT & VEGETABLES • National Curriculum coverage to be taught at differentiated Developmental steps. • understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, chefs, food manufacturers and growers	•	ALL AROUND THE WORLD National Curriculum coverage to be taught at differentiated Developmental steps. use research and exploration, such as the study of different cultures, to identify and understand user needs – including researching recipes and methods of cooking from around the world	•	BEST OF BRITISH/LANCASHIRE FESTIVAL National Curriculum coverage to be taught at differentiated Developmental steps. analyse the work of past and present professionals and others to develop and broaden their understanding, including professional chefs and traditional recipes
	2	FRUIT & VEGETABLES • National Curriculum coverage to be taught at differentiated Developmental steps. • understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, chefs, food manufacturers and growers	•	ALL AROUND THE WORLD National Curriculum coverage to be taught at differentiated Developmental steps. understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, chefs, food manufacturers and growers	•	BEST OF BRITISH/ LANCASHIRE FESTIVAL National Curriculum coverage to be taught at differentiated Developmental steps. investigate new and emerging technologies in food preparation and creation of culinary dishes (including national and regional dishes)

				3 Mapping 2023-2024)				
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
ASPIRATION FOR LIFE Preparation for Adulthood (PfA) (WHY?)	Preparation for Adulthood: Community: Understanding their local community & developing interest in Food, nutrition, growing food & where food comes from including seasonality Cultural Capital: Building experiences & knowledge by immersing learners in the world around them, including food around the world & how to create traditional recipes Cross-curricular Links: Early Numeracy – weighing ingredients, measuring liquids for recipes, noting time taken for food to be cooked, computing – use of iPad for recording and designing recipes							
LEARNING FOR LIFE Composite & Component Knowledge Focus / Objective (WHAT?)	KEEPING SAFE IN THE KITCHEN/FOOD HYGIENE National Curriculum coverage to be taught at differentiated Developmental steps. Select from and use specialist equipment, techniques, processes, equipment and machinery precisely and know how to use all kitchen equipment safely	KITCHEN SAFETY/KNIFE SKILLS National Curriculum coverage to be taught at differentiated Developmental steps. Use specialist equipment, techniques, processes, equipment and machinery precisely and know how to use all kitchen equipment safely	KNIFE SKILLS & SAFETY/USING AN OVEN National Curriculum coverage to be taught at differentiated Developmental steps. Understand how more advanced mechanical systems used in their products enable a better/more time effective outcome – using an oven /microwave/pizza oven/bar-b-que	National Curriculum coverage to be taught at differentiated Developmental steps. Macronutrients are the nutrients we need in larger quantities that provide us with energy: in other words, fat, protein & carbohydrate. Micronutrients are mostly vitamins & minerals, & are equally important but consumed in very small amounts. We get our micronutrients along with macronutrients.	FRUIT & VEGETABLES National Curriculum coverage to be taught at differentiated Developmental steps. Understand developments in design and technology, its impact on individuals, society and the environment, and the responsibilities of designers, chefs, food manufacturers and growers	National Curriculum coverage to be taught at differentiated Developmental steps. Understand developments in design and technology, its impact on individuals, society & the environment, and the responsibilities of designers, chefs, food manufacturers and growers		
IMPLEMENTATION 1 Weekly focus & sequenced learning (WHAT & WHEN?)	Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class	Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class Knife safety – handling a knife, cleaning a knife, cleaning a knife, claw and bridge hold. Practice cutting vegetables in readiness for making bean burgers next week	Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class	Where do vegetables come from? How do different fruit and vegetables grow? E.g. seeds/tubers. How can we have a sustainable diet? Debate on sustainability Posters – where do vegetables and fruit come from?	Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class Five a day – eat 5 fruit or vegetables every day	Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class Understanding the seasonality of ingredients Looking at Pick your own farms Allotments Horticulture on FE Farms & how they function		

			Key Stage CYCLE A (
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
2	Stir Fry Learning knife safety and how to cut fruit and vegetables in different ways – claw hold v bridge hold. Always walk with sharp knives in the food technology room Peeling, chopping, slicing, hob safety and frying	Bean Burgers What are beans? Where do they grow? What food group are they? What types of beans can you get? Bean Burgers – peeling, chopping, measuring out small amounts of spice using a teaspoon	Knowing the difference between utensils and equipment when preparing vegetables including food hygiene, baking, simmering, boiling	Identifying vegetables Preparing them to cook Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Identifying fruits and where they come from Preparing them to cook Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Fruit Kebabs Identifying fruits for a kebab & where they originate from. Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold
3	Peeling, dicing, fine chopping using the claw and bridge method, assembling ingredients to make Spinach, potato and chickpea curry or Bombay potatoes	Weighing and measuring ingredients, in readiness to make biscuits. Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Vegetable kebabs Peeling, chopping, dicing, skewering, spraying oil, using an oven safely	Changes in fruit and vegetables as they are cooked – root vegetables from hard to soft, fruit from firm to soft and watery Identifying vegetables, naming them and learning about meals with vegetables Vegetable casserole	Fruit Salad Slicing fruit, changing where we hold the fruit to cut it Preparing including health & safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Fruit Kebabs Identifying fruits for a kebab & where they originate from. Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold
4	Peeling, dicing, fine chopping using the claw & bridge method, assembling ingredients to make samosas Vegetable Samosas – discuss spices and where they come from as they cook	Weighing and measuring ingredients, in readiness to make biscuits. Shaping dough ready to roll out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Cake with alternative flavours e.g. beetroot, carrot, raspberry, or lemon	Identifying vegetables, naming them and learning about meals with vegetables Vegetable Curry	Humous and crudities Washing, chopping, slicing vegetables into thin sticks Making humous from garlic, chickpeas, lemon juice and yoghurt – no tahini = nut free school	Smoothies Identifying fruits for a kebab & where they originate from. Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold
5	Cake with alternative flavours e.g. ginger, star anise, rosemary	Food Hygiene – washing and preparing vegetables. Storing cooked and uncooked food in the fridge	Peeling, dicing, fine chopping using the claw and bridge method, assembling ingredients to make minestrone soup	Preparing them to cook Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold Soup	Hot/cold Tapas with crudities Diced cooked potatoes with salsa, garlic and herbs Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Smoothies Identifying fruits for a kebab & where they originate from. Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold
6	Vegetable burgers – Discuss veganism and vegetarianism as they cook, also sustainability within food	Peeling, dicing, fine chopping using the claw and bridge method, assembling ingredients to make vegetable soup	Weighing and measuring ingredients, in readiness to make biscuits – orange and lemon cookies – Jamie Oliver's recipe	Preparing them to cook Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold Ratatouille	Dips and vegetable sticks Identifying fruits/vegetables, naming them & learning about meals with vegetables Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Vegetable Kebabs Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold

				3 Mapping 2023-2024)				
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2		
IMPLEMENTATION Models and Scaffolds (strategies and resources to support learning) (HOW?)	equipment equipment Demonstrations of claw & Demonstrations of claw & Demonstrations of claw & Demonstrations of claw & Discuss jobs in the Catering/Food Industry while Catering/Food Industry while Demonstrations of claw & Simmering v boiling Sim		Identifying vegetables, naming them and learning about meals with vegetables Preparing vegetable to cook Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Identifying fruits/vegetables, naming them & learning about meals with vegetables Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold	Identifying fruits/vegetables, naming them & learning about meals with vegetables Preparing including health and safety and hygiene Wash/peel/chop Knife skills – handling a knife, claw hold, bridge hold			
	friends who cook	friends who cook	vegetarian dish					
	Gathering equipment &Weighing and MeasurirSkills – using hands to	sh hands/apron on/wait for in ingredients ng	sing knives/cutting/peeling/gi	Being safe with equipment and tools Following a recipe knives/cutting/peeling/grating/rolling/mixing/boiling/simmering				
LANGUAGE FOR LIFE		Beans – bean burger	Weighing, measuring, scales	Ratatouille	Hot/cold Tapas with crudities	Smoothies		
Vocabulary, Signs & Symbols (WHAT VOCABULARY?)	Vegetables Health and safety Hygiene Wash/peel/chop Knife skills — handling a knife, claw hold, bridge hold Weighing, measuring ingredients, biscuits. Shaping dough, rolling out Cakes with alternative flavours e.g. ginger, star anise, rosemary, coconut	Vegetables Health and safety Hygiene Wash/peel/chop Knife skills — handling a knife, claw hold, bridge hold Weighing, measuring ingredients, biscuits. Shaping dough, rolling out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Jugs/measuring jugs Kilograms/grams Litres/millilitres Oven/temperature/ centigrade – degrees c Mixing, stirring, baking Peeling, chopping, dicing, skewering, spraying oil, using an oven safely beetroot, carrot, raspberry, or lemon Shaping dough, rolling out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Vegetables Health and safety Hygiene Wash/peel/chop Knife skills — handling a knife, claw hold, bridge hold Weighing, measuring ingredients, biscuits. Shaping dough, rolling out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Vegetables Health and safety Hygiene Wash/peel/chop Knife skills — handling a knife, claw hold, bridge hold Weighing, measuring ingredients, biscuits. Shaping dough, rolling out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut	Vegetables Health and safety Hygiene Wash/peel/chop Knife skills — handling a knife, claw hold, bridge hold Weighing, measuring ingredients, biscuits. Shaping dough, rolling out Biscuits with alternative flavours e.g. ginger, star anise, rosemary, coconut		
	All language mentioned above and in addition all vocabulary associated with the following; > Safe = Food Hygiene/Keeping ourselves and food clean > Healthy = Proteins Carbohydrates Fats Macro-nutrients > World food = Climate Culture Seasonality > Macro-nutrients > Food Groups and Nutrition > Links to life-skills and Careers related learning > Eatwell Guide							

	Key Stage 3 Mapping CYCLE A (2023-2024)								
	Autumn 1	Autumn 1 Autumn 2 Spring 1 Spring 2 Summer 1 Summer 2							
	➢ Fit for Life and 5-a-day								
IMPACT How will we assess progress? (HOW DO WE KNOW?)	 Small Steps to Success Small Steps to Independence Evidence for Learning Books Learner voice Ability to use utensils Transcripts by staff – pupils' conversations and answers Ability to stay safe in the kitchen 								

		Key Stage 3 Mapping CYCLE C (2025-2026)							
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2			
ASPIRATION FOR LIFE Preparation for Adulthood (PfA) (WHY?)	Cultural Capital: Building e	g their local community & dev experiences and knowledge barly Numeracy – weighing ing		vorld around them, including	e food comes from food around the world and how for food to be cooked, computi				
LEARNING FOR LIFE Composite & Component Knowledge Focus / Objective (WHAT?)									
IMPLEMENTATION Weekly focus & sequenced learning (WHAT & WHEN?)	Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class		Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class		Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class				

		Key Stage 3 Mapping CYCLE C (2025-2026)								
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2				
3										
4										
5										
6										
IMPLEMENTATION Models and Scaffolds (strategies and resources to support learning) (HOW?)	Insert examples of strategies and resources which can be implemented to support pupil learning of the component knowledge									
LANGUAGE FOR LIFE Vocabulary, Signs & Symbols (WHAT VOCABULARY?)	Insert essential vocabulary, signs and symbols									
IMPACT How will we assess progress? (HOW DO WE KNOW?)	 Small Steps to Success Small Steps to Independe Evidence for Learning 		roice use utensils	 Transcripts by staff – pup conversations and answe Ability to stay safe in the 	ers					

	Key Stage 3 Mapping CYCLE B (2024-2025) Autumn 1 Autumn 2 Spring 1 Spring 2 Summer 1 Summer 2								
ASPIRATION FOR LIFE Preparation for Adulthood (PfA) (WHY?)	Cultural Capital: Building e	g their local community & dev experiences and knowledge b arly Numeracy – weighing inc		vorld around them, including	re food comes from food around the world and ho for food to be cooked, comput				

			Key Stage CYCLE B (3 Mapping 2024-2025)		
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
LEARNING FOR LIFE Composite & Component Knowledge Focus / Objective (WHAT?)						
IMPLEMENTATION 1 Weekly focus & sequenced learning (WHAT & WHEN?)	Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class		Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class		Assessment – What do you know about staying safe in the kitchen? Food technology rules and hygiene – wash hands, apron on, tie long hair back, look around the food technology room – equipment, listening to instructions in class	
3						
4						
_						
6						
IMPLEMENTATION Models and Scaffolds (strategies and resources to support learning) (HOW?)	Insert examples of strategies and resources which can be implemented to support pupil learning of the component knowledge					
LANGUAGE FOR LIFE Vocabulary, Signs & Symbols (WHAT VOCABULARY?)	Insert essential vocabulary, signs and symbols			_		

		Key Stage 3 Mapping CYCLE B (2024-2025)								
		Autumn 1		Autumn 2	Spring 1		Spring 2	Summer 1	Summer 2	
IMPACT How will we assess progress? (HOW DO WE KNOW?)	•	Small Steps to Success Small Steps to Independe Evidence for Learning	nce	BooksLearner vAbility to	voice use utensils	•	Transcripts by staff – pup conversations and answe Ability to stay safe in the I	ers		