KEXBOROUGH PRIMARY SCHOOL : DESIGN AND TECHNOLOGY

				FOCUS ON FO	DOD AND NUTRI	ΓΙΟΝ		
State		EYFS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
		Children know the importance for good health of a healthy diet, and talk about ways to keep healthy and safe.	Use the basic principles of a healthy and varied diet to prepare dishes and understand where food comes from		d Understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed			
		All also works towards PD ELG of using a range of small tools, including scissors, paintbrushes and cutlery.	Begin to understand that all food comes from plants or animals. Begin to develop children's peeling and chopping skills.	Know that food has to be farmed, grown elsewhere (e.g. home) or caught. Understand how to name and sort foods into the five groups in 'The Eat well plate.' Begin to use techniques such as cutting, peeling and grating.	Begin to know that food is grown (such as tomatoes, wheat and potatoes), reared (such as pigs, chickens and cattle) and caught (such as fish) in the UK, Europe and the wider world. Be able to use a range of techniques such as peeling, chopping, slicing and grating.	Understand that food is grown, reared and caught in the UK, Europe and the wider world. Understand how to prepare and cook a variety of predominantly savoury dishes safely and hygienically. Further develop skills including mixing, kneading and baking.	Understand that seasons may affect the food available. Understand how food is processed into ingredients that can be eaten or used in cooking. Gain confidence in the skills of peeling, chopping, slicing, grating, mixing, kneading and baking.	Using their knowledge and skills know how to prepare and cook a variety of predominantly savoury dishes safely and hygienically. Become increasingly skilled at peeling, chopping, slicing, grating, mixing, kneading and baking
Food and Nutrition	Summary	Children will be introduced to the skills of cutting (soft produce), spreading and mixing through both focused activities and provision	Children will be introduced safely to the skills of cutting, peeling and grating to create a fruit smoothie based upon selection of fruits tasted	Children will use their knowledge of the "eat well" plate to create a wrap and a side which meets the requirements of this. Children will use skills learned in Y1 to prepare ingredients. Children will weight ingredients to both follow and create recipes.	Children will express personal tastes and justify the reasons for their choice. Children will be able to weigh out ingredients accurately to follow and create a recipe. Children will be introduced to the use of a heat source and will observe and explain change in ingredients.	Children will use the skills that they have developed in Y1 – Y3 to support them in making bread They will be introduced to the skills of kneading and baking They will be able to adjust heat input and understand the impact of this upon the product they are making	Children will use all previously learned skills to create a bolognaise sauce using fresh ingredients. They will be able to talk about seasonality of the ingredients and the nutrients that these ingredients provide. They will talk about the addition and impact of herbs and spices and express personal preference	Children will use all previously learned skills to create and produce a two course meal, explaining the reasons for their choices, the impact of ingredients chosen and evaluate finished product
	Unit	Pancake / Pitta Toppings	Smoothie	Wrap	Soup and croutons	Bread	Bolognaise	Come Dine With me

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Food and Nutrition	Learning Objectives and Outcomes For Success	 Stir, spread, knead, and shape a range of food and ingredients. Begin to work safely and hygienically- children know to wash hands before touching and eating food. Measure and weigh food items, non-statutory measures e.g. spoons, cups. 	 Use appropriate equipment to weigh and measure ingredients Prepare simple dishes safely and hygienically, without using a heat sources Use techniques such as cutting Know that everyone should eat at least five portions of fruit and vegetables every day Y1 Know how to prepare simple dishes safely and hygienically, without using a heat source such as a fruit salad. Know how to use techniques such as cutting, peeling, and grating with support from an adult. 	 Use appropriate equipment to weigh and measure ingredients Prepare simple dishes safely and hygienically, without using a heat sources Use techniques such as cutting Name and sort foods into the five groups of the 'eat well' plate Know that everyone should eat at least five portions of fruit and vegetables every day Cut, peel, or grate ingredients safely, hygienically and give opportunities to do this independently. Measure or weigh using measuring cups or electronic scales. Assemble ingredients 	 Know that a healthy diet is made up from a variety and balance of different foods and drinks, as depicted in the 'eat well' plate Know that to be active and healthy, food is needed to provide energy for the body Measure using grams Follow a recipe Understand how to prepare and cook a variety of predominantly savoury dishes safely and hygienically including, where appropriate, the use of a heat source. Begin to understand how to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading and baking. (Y4) 	 Know that a healthy diet is made up from a variety and balance of different foods and drinks, as depicted in the 'eat well' plate Know that to be active and healthy, food is needed to provide energy for the body Measure using grams Follow a recipe Prepare ingredients hygienically using appropriate utensils. Measure ingredients to the nearest gram accurately. Follow a recipe. Assemble or cook savoury dishes (controlling the temperature of the oven or hob, if cooking). Know how to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading, and baking. 	 Know that recipes can be adapted to change the appearance, taste, texture and aroma Know that different foods contain different substances - nutrients, water and fibre - that are needed for health Understand the need for correct storage Measure accurately Work out ratios in recipes Understand that food is grown (such as tomatoes, wheat and potatoes), reared (such as pigs, chickens and cattle) and caught (such as fish) in the UK, Europe and the wider world. Understand how food is processed into ingredients that can be eaten or used in cooking. Know how to prepare and cook a variety of predominantly savoury dishes safely and hygienically including, where appropriate, the use of a heat source Start to understand how to use a range of techniques such as peeling, chopping, slicing, grating, mixing, spreading, kneading, and baking. 	 Know that recipes can be adapted to change the appearance, taste, texture and aroma Know that different foods contain different substances - nutrients, water and fibre - that are needed for health Understand the need for correct storage Measure accurately Work out ratios in recipes Understand the importance of correct storage and handling of ingredients (using knowledge of microorganisms). Measure accurately and calculate ratios of ingredients to scale up or down from a recipe. Demonstrate a range of baking and cooking techniques, savoury and sweet dishes. Create and refine recipes, including ingredients, methods, cooking times and temperatures.

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Food and Nutrition		Pancake / Pitta Toppings	Smoothie	Wrap	Soup and croutons	Bread	
	DESIGN	Select from a range of appropriate healthy options to add to an existing recipe.	 food is a one or the other To know which textures and tastes of combine well in a smoothie. To know where to find the nutrition To know how to find the sugar contributional information. To know how to make smart (low surdrinks that they choose to consume. To know the five food groups: fats, perfuit/vegetables To know how a balanced diets consist carbohydrates, dairy, fruits/vegetables To know how to design a healthy withich work well together from the for cream cheese, sour cream, chicken, hispinach, rocket, tomato, cucumber, perfusion, rocket, tomato, cucumber, performing to combine them appropriately Chicken (protein, textured), avocaded 	 ritional information on packaging contents in drinks by looking at the ow sugar options/healthier) choices about ime. To know that each fruit and vegetable gives us nutritions on the seasonality of fruits and vegetables. To know thow to create a healthy and nutritious recipe for tart using seasonal ingredients, considering the taste, text appearance of the dish. To know that climate affects food growth. To know that some vegetables and fruit cannot be grow. Bananas – tropical, Strawberries – temperate, Lychee – tropical, Strawberries – te		nd vegetables nd nutritious recipe for a savoury filo dering the taste, texture, smell and growth fruit cannot be grown in the UK, mperate, Lychee – tropical ne to produce a savoury soup	 To know understand substitute To under processed, Write an changes to To know To know To know To know To know ingredient
	MAKE	Adding healthy toppings to a pancake/'pitta' pizza to add flavour. Follow basic hygiene rules of hand washing and surface cleaning before preparing food.	 To know how to chop fruit and vege cut sticks of fruits and vegetables usin To know how to chop food safely us apply this skill with any food suitable To know how to construct a wrap the statement of the statement of	ng a cutlery knife. sing the claw grip, and know how to for slicing.	 To know how to prepare themselves and a work space to cook safely in To know the basic food hygiene rules to avoid food contamination To know how to work with cooking equipment safely in To know how to use, store and clean a knife safely. To know how to carry knives safely To know how to use the following safe knife grips: bridge, claw, the cross chop To know when to wash hands before, after and in between handling different foods To know how to follow a set of instructions within a printed recipe with support To know how to work safely with an oven. To know how long to bake breads so they are not raw or overcooked. 		
	EVALUATE	Taste and decide if they enjoy their choice of ingredient. To say what they could do differently next time?	 Know taste combinations of fruits at taste. Can taste combinations of fruits and taste. Using a 5 point sliding scale with 1 be Know how to describe appearance, vegetables. Can describe appearance, smell and Use vocabulary – sweet, bland, save Know how to describe the fruit and Can describe the taste, texture and soft, firm, crunchy, crisp, smooth, t savoury, bland Taste test food combinations and fi Can say which food combinations w preferences. Know the information that should be Can find key information about a foolight/percentage information Know which grip was most effective position, the claw etc 	d vegetables to evaluate the overall being disgusting and 5 being delicious. smell and taste of fruit and d taste of fruit and vegetables. oury, delicious, disgusting. vegetables that they have used. smell of fruits and vegetables. smell of fruits and vegetables. smell of 	 To know now long to bake breads s Establishing and using design criter Can suggest points for improvemer Know the benefits of seasonal fruit Can describe the impact on the env nutrient rich. Seasonal produce doesn't need to t retains nutrients and quality. Evaluate a recipe, considering: taste using own modified recipe. Describe the impact of the budget Evaluate and compare colourings, f that can be added to a basic biscuit re Suggesting modifications to the fini Understands how to improve the p 	ia to help test and review soups. It when making soup. Is and vegetables Fronment, freshness and most travel so uses less emissions and e, smell, texture and appearance on the selection of ingredients. lavourings and additional ingredients ecipe. shed product.	 To know Identifyir recipes Comparini identifying Identifyir (carbohydri) Learning Evaluatir food group Understator Taste tess Can use to product is. Suggestiri Can contor Evaluatir Can contor Evaluatir Can contor Evaluatir Can suggestir

Bolognaise	Come Dine With me						
-	ue of a recipe alters if you remove,						
te or add additional ingredients lerstand that beef is from cattle and how beef is reared and ed, pork is from a pig and vension is from a deer. an amended method for a recipe to incorporate the relevant to ingredients. ww what constitutes a balanced diet ww how design packaging reflects the ingredients in a recipe							
ow the important information ow how to write a recipe, expl	a consumer will need to know. aining the key steps, method and ngs from research undertaken						
v how to prepare meat and ve	getables safely						
ow how to follow safety instru							
ow to use oven gloves when he ow how to avoid cross-contam	andling hot equipment. ination between different food						
	eparately from other ingredients. w a step by step recipe exactly and in change if the recipe is not						
ow how to weight the correct ow how to work to a given tim	quantities of each ingredient escale as specified within a recipe						
fying the nutritional difference	es between different products and						
ing the healthier option	ng a nutritional calculator and then						
fying and describing health be ydrates, fats, fruits and vegeta ing to adapt a recipe to make	ables, dairy, protein). it healthier						
oup	te, smell, texture and origin of the						
rstanding where food comes fi for a given ingredient testing and scoring final produ	rom, describing the process of 'Farm						
se taste testing and scoring to t is.	compare how successful their final						
ontribute a well-written recipe	improvements in productions. page to a class cookbook using rations • Class have a cookbook that						

n use for future life skills. ating health and safety in production to minimise cross ination.

ggest ways to improve minimising cross contamination.

	TECHNICAL KNOWLEDGE	To know that we need a range of different foods to be healthy. To know that vegetables and fruits help to keep our bodies healthy. To know that fruit and vegetables grow.	 Understanding the difference between fruits and vegetables Describe and group fruits by texture and taste Understanding what makes a balanced diet Knowing where to find the nutritional information on packaging Knowing the five food groups; Fats, proteins, dairy, carbohydrates and fruit/vegetables 	 Understanding that climate affects food growth Work with cooking equipment safely and hygienically Discuss how imported foods travel from far away and this can negatively impact the environment. Explain that vegetables and fruit grow in certain seasons Learning that each fruit and vegetable gives us nutritional benefits Demonstrate how to use, store and clean a knife safely Understanding the impact of the cost and importance of budgeting while planning ingredients for biscuits Explain the impact of cost and of budgeting while planning ingredients. 	 Understat and how be Understat Learnin Comparin identifying t Learning Recording Understat another Understat to Fork' for
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- standing where food comes from learning that beef is from cattle beef is reared and processed
- standing what constitutes a balanced diet
- rning to adapt a recipe to make it healthier
- ring two adapted recipes using a nutritional calculator and then ng the healthier option
- ng how to research a recipe by ingredient
- ding the relevant ingredients and equipment needed for a recipe standing the combinations of food that will complement one

standing where food comes from, describing the process of 'Farm for a given ingredient