

Medium Term Plan: Supporting Implementation of LTP/Progression Grid

Subject: DT – Food – fruit pie Year: 4 (LKS2)

NC/PoS:

- Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design
- Select from and use a wider range of tools and equipment to perform practical tasks accurately
- Select from and use a wider range of materials and components, including ingredients, according to their functional properties and aesthetic qualities
- Investigate and analyse a range of existing products
- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Understand and apply the principles of a healthy and varied diet
- Cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet
- Become competent in a range of cooking techniques [for example, selecting and preparing ingredients; using utensils and electrical equipment; applying heat in different ways; using awareness of taste, texture and smell to decide how to season dishes and combine ingredients; adapting and using their own recipes]
- Understand the source, seasonality and characteristics of a broad range of ingredients

Prior Learning (what pupils already know and can do)

- Children know how to design a healthy snack and can explain the user and purpose. For example: a sandwich and a soup.
- Children know how to draw an annotated sketch of their sandwich and soup and can label it with ingredients.
- Children know how to select from a variety of ingredients to create their sandwich and soup, considering the taste, colour and general appeal of the ingredients.
- Children know how to select from knives, graters, peelers and juicers to prepare common fruits and vegetables (leeks, potatoes, carrots, sweet potatoes, onions, celery, cucumber, tomatoes, cucumber, lettuce, avocado) discussing why some preparation methods may not be suitable for some of the fruits/vegetables - e.g. you wouldn't grate a tomato as it just turns mushy.
- Children discuss different, existing sandwiches and soups and evaluate their appeal, potential purpose and user.
- Children evaluate their own sandwiches and soups considering the intended user, purpose and its overall appeal as well as considering its effectiveness of being a healthy snack.
- Children know that food comes from different countries and can be grown.

End points (what pupils MUST know and remember)

- Children know how to research and design a healthy snack/dish that is innovative, functional and appealing
- Children know how to generate, develop, model and communicate their ideas through discussion and annotated sketches
- Children know how to select from and use a wider range of utensils to perform practical tasks accurately

Medium Term Plan: Supporting Implementation of LTP/Progression Grid

<ul style="list-style-type: none">- Children know how to select from and use a wider range of ingredients, according to their functional properties and aesthetic qualities.- Children know how to investigate and analyse a range of existing food products- Children know how to evaluate their ideas and products against their own design criteria and consider the views of others to improve their work- Children know how to understand and apply the principles of a healthy and varied diet- Children know how to cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet- Children become competent in a range of cooking techniques [for example, selecting and preparing ingredients; using utensils and electrical equipment; applying heat in different ways; using awareness of taste, texture and smell to decide how to season dishes and combine ingredients; adapting and using their own recipes]- Children understand the source, seasonality and characteristics of a broad range of ingredients
Key Vocabulary taste, appearance, healthy/varied diet, allergy, intolerance, dietary requirement, appeal, evaluation
Session 1: Evaluating existing products <ul style="list-style-type: none">- Evaluate existing fruit pies that are available to buy from various shop.- Discuss the fillings available – which ones are more popular in the class? Which ones taste, smell and look the nicest/best appearance?- Briefly discuss any potential allergies/intolerances/dietary requirements in relation to fruit e.g. strawberry allergies, dairy intolerance or allergy etc. Vocab: taste, appearance
Session 2: Designing <ul style="list-style-type: none">- Children to design a fruit pie using an annotated sketch and considering their user ad purpose.- Children to mention any dietary requirements they have considered on their plan.- Innovation: Have you considered how to make the fruit pie different and better than others of the same kind?- Individual liberty – children are encouraged to make their sandwiches different and unique. Vocab: healthy diet, allergy, intolerance, dietary requirement
Session 3: Making <ul style="list-style-type: none">- Children to make their fruit pie by following their plan and evaluating as it they go along to make necessary changes.- Children need to follow basic hygiene standards – hands washed, hair up, jewelry off, aprons on (if available), work spaces cleared and using plates or chopping boards if available/ necessary.- Children to consider the appeal of their fruit pie, the pattern of pastry.- Resilience – during the entire making process, we discuss keeping on trying and never giving up even if the task gets tricky. Vocab: evaluate, appeal
Session 4: Evaluating

Medium Term Plan: Supporting Implementation of LTP/Progression Grid

- Children to evaluate their fruit pie based on the design criteria.
- Children should consider if it is appealing, suitable for their target audience and purpose.
- Children should consider if they have changed anything and if so why?
- Honesty – during the evaluation stages discuss being honest with ourselves (self-reflection) and others to ensure we can improve ourselves and our work.

Vocab: evaluation

Future learning this content supports:

UKS2 - culture and seasonality.