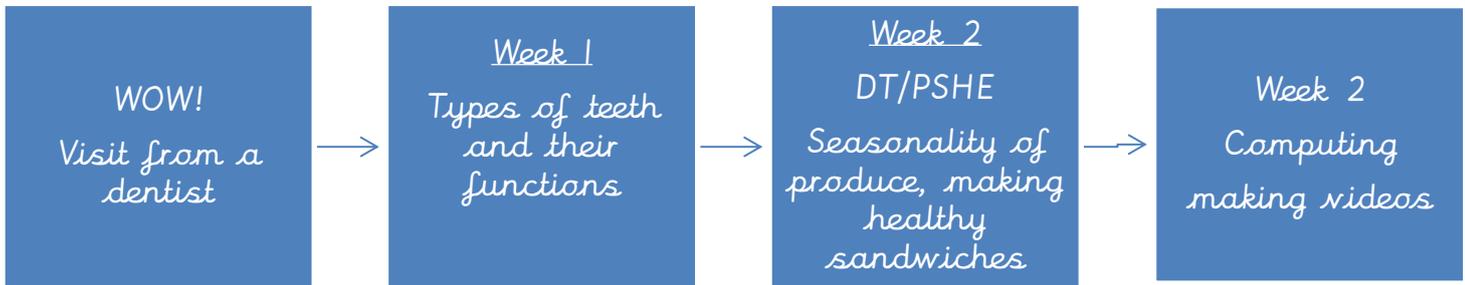


Year 3/4 Science Based topic - Teeth and Eating

Topic overview - Children build on healthy foods learning from KS1. They learn about teeth and carry out a scientific investigation relating to this. They learn about the seasonality of produce and explore healthy diet choices in PSHE. They use this knowledge to design and make a healthy snack. They use computing skills to plan, record and edit a video of themselves.



Working scientifically skills	Specific knowledge of this unit
<ul style="list-style-type: none"> • Ask relevant questions. • Set up simple practical enquiries and comparative and fair tests. • Make accurate measurements using standard units, using a range of equipment. • Gather, record, classify and present data in a variety of ways to help in answering questions. • Use straightforward, scientific evidence to answer questions or to support their findings. • Identify differences, similarities or changes related to simple, scientific ideas and processes. 	<ul style="list-style-type: none"> • Identify the different types of teeth in humans and their simple functions.
<p><u>Vocabulary</u></p> <ul style="list-style-type: none"> - Molar - Canine - Incisor - Plaque - Decay <p><u>Previous Knowledge: Animals (including humans) - naming parts of the body.</u> <u>PSHE - (Healthy eating) - What constitutes, and how to maintain, a healthy life style including dental health</u></p>	

<u>Ongoing DT skills</u>	<u>Specific DT skills</u>	<u>Computing skills</u>
<ul style="list-style-type: none"> • Design with purpose by identifying opportunities to design. • Make products by working efficiently (such as by carefully selecting materials). • Refine work and techniques as work progresses, continually evaluating the product design. 	<ul style="list-style-type: none"> • Understand that certain foods are seasonal and choose seasonal produce for their recipe. 	<ul style="list-style-type: none"> • select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information • (video using green screen, edit using iMovie) <p>Basic skills to be taught alongside:</p> <ul style="list-style-type: none"> • Can save amended work with a new file name – year 3 • Can identify file types from their icon or file extensions e.g. .doc, .jpg, .gif, .bmp – year 4 • Can delete a file from their work area – year 4

<p><u>Vocabulary</u></p> <ul style="list-style-type: none"> - Seasonal - Recipe - Ingredients <p>Previous Knowledge: Designing a seaside meal (At the Seaside)</p>	<p><u>Vocabulary</u></p> <ul style="list-style-type: none"> - Save / save as - Software - Presenting - File types - Delete <p>Previous Knowledge: Researching (A Caribbean island) Create an e-book (Me and my family)</p> <p>Key skills taught:</p>
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PSHE skills:

<p><u>Healthy Eating:</u></p> <ul style="list-style-type: none"> • what constitutes a healthy diet (including understanding calories and other nutritional content) • the principles of planning and preparing a range of healthy meals. • the characteristics of a poor diet and risks associated with unhealthy eating (including, for example, obesity and tooth decay) and other behaviours <p>Health and Prevention</p> <ul style="list-style-type: none"> • about dental health and the benefits of good oral hygiene and dental flossing, including regular check-ups at the dentist <p><u>Vocabulary</u></p> <ul style="list-style-type: none"> - Healthy - Diet - Calories - Obesity - Oral hygiene <p>Previous Knowledge: Healthy eating - What constitutes, and how to maintain, a healthy life style including the benefits of physical activity, rest, healthy eating and dental health</p>

Knowledge:

- Know the names of types of teeth and their jobs (canines, incisors, molars and premolars).
- Know that a science experiment includes a question, prediction, equipment, method, results and conclusion.
- A fair test is when all variables are kept the same except from one.
- Know that you need to wash your hands, tie your hair back and use clean equipment when preparing food to stay hygienic.
- Know how to use an iPad to zoom, pan and capture a variety of camera angles.

Vocabulary:

- canines
- incisors
- molars
- plaque
- decay
- hygiene