



Tyndale Primary School – Year 3 Knowledge Organiser



Topic – Scrumdiddliumptious

Strand (Science – Biology)

What I know already:

The basic structure of a variety of common flowering plants, including trees.
 Some common animals that are carnivores, herbivores and omnivores.
 How animals obtain their food from plants and other animals, using the idea of a simple food chain.
 The importance for humans of eating the right amounts of different types of food.

What I will know by the end of the unit:

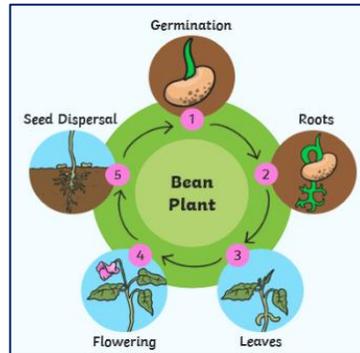
That animals, including humans, need the right types and right amount of nutrition.
 That animals, including humans, cannot make their own food; they get nutrition from what they eat.
 That we grow and farm different plants and animals to provide food for humans to eat.
 That bees play an important role in plant growth and making food for humans.
 How growing and farming the food that we eat can affect the world around us.
 Where in the world different foods come from.
 That different people follow different diets for personal or religious reasons.

Famous Scientists:

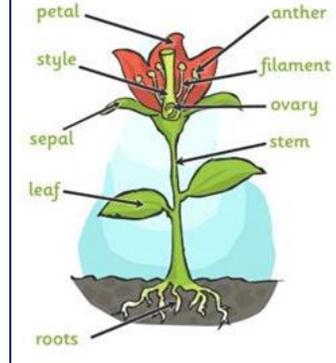
Sir Francis Bacon – studied freezing meat to preserve it.
Clarence Birdseye – inventor of frozen foods.
Louis Pasteur – invented pasteurisation for preserving food.

Diagrams:

Life Cycle of a Plant



Part of a Flowering Plant



Foods of the World



Investigate!

What conditions do plants need to grow?
 How many food miles are in our lunch?

Key Vocabulary

Germination – When a seed begins to sprout.
Seed dispersal – when seeds spread or scatter.
Root - a part of a plant that is usually hidden underground. They hold the plant in the ground and take water and food from the soil.
Pollination - Insects, birds, bats and the wind take pollen between flowering plants, which means the plants can make seeds and reproduce (have babies!).
Carnivore - an animal that eats mainly meat.
Herbivore – an animal that gets its energy from eating plants, and only plants.
Omnivore – an animal that eats plants and other animals.
Nutrition - Nutrition is the process by which the body nourishes itself by transforming food into energy and body tissues.
Diet – the usual food or drink eaten by a human or an animal.
Food chain - shows how each living thing gets food, and how nutrients and energy are passed from creature to creature.
Agriculture – another word for farming.
Conservation - the protection of things found in nature.
Food miles - how far the food we eat travels from the farm where it is first produced, before it ends up on our tables.