

Key Vocabulary

Condense - change or cause to change from a gas or vapour to a liquid

Dissolve - become or cause to become incorporated into a liquid so as to form a solution

Evaluate - judging to what extent the objective was achieved

Evaporate - turn from liquid into vapour/gas

Filter - to pass a liquid or gases through a device to remove unwanted material

Irreversible - not able to be undone or altered

Mixture - a substance made by mixing other substances together

Prototype - the first form of something

Reaction - a process where a set of substances undergo a chemical change to form a different substance

Reversible - capable of being reversed so that the previous state is restored.

Solution - a liquid mixture

Undissolved - not dissolved

St Matthew's C.E. Primary School

Knowledge Organiser

What should I already know ?

- compare and group materials together, according to whether they are solids, liquids or gases.
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C).
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.
- join and combine a range of ingredients.
- explore seasonality of vegetables and fruit.
- find out which fruit and vegetables are grown in countries/continents studied in Geography.



Food Glorious Food Year 5

Key Questions

- What is special about a food item for a celebration?
- How healthy /unhealthy are the food items?
- What do these different food items taste, smell and look like? What is their texture? Could we alter the appearance by finishing the food differently?
- Think:
 - Product - what could we make?
 - Purpose - what is it for?
 - User - who is going to use it?
- What happens if we mix different solids together? Can you get it back?
- What happens if we mix solids and liquids together? Does it dissolve?
- How can I separate them? (undissolved / insoluble solids from liquids?) Can you change it back again?
- Can I make it dissolve more quickly?
- Can we always get back what we started with?
- What happens when we mix different things?
- What happens when we burn things?
- What happens when we cook things?
- Why do some things rust?