

Sticky Knowledge Year 2 – Summer 1

Enquiry Theme: How are products developed?

Design and Technology

- Know how to model and plan own ideas and share these with others – talking, annotated drawing, models.
- Know how to draw upon own experiences and knowledge to create drawings to aid ideas.
- Know how their product will work and how it will impact their intended users.
- Know how to select from a range of materials and components according to characteristics.
- Know that a final product is linked to what has been asked.
- Know that there are strengths and weaknesses of products made.
- Know how to make simple judgements about their products and ideas against a design criteria.
- Know how to make free standing structures and know how they can be made stronger, stiffer, and more stable.
- Know that with safety and good hygiene, food can be cut, peeled and grated.
- Know how to evaluate existing food products and plan and make a similar food product using relevant tools and equipment.
- Know the 'Eat well' guide and suggest healthy food swaps.

Key Vocabulary:

Alternative – another option

Substitute – to use something in place of another

Balanced diet – provides the body with essential nutrition

Ingredients – foods that are combined to make a dish

Method – a procedure for accomplishing something

Nutrients – provides nourishment for growth

Packaging – materials used to wrap and protect goods

Man-made – made by human beings

Stable – firmly fixed

Stiff – not easily bent or changed shape

Strong – able to withstand force or pressure

Structure – a building or other object constructed from several parts

Design criteria – essential guidelines and requirements that dictate the form, function, and features of a product

Arched bridge – a bridge where the main supporting elements are arches

Beam bridge – a simple type of bridge that consists of a horizontal beam supported at each end

