



Year 5

Design and Technology—Bean to Bar

Knowledge Organiser

Knowledge

Skills

Vocabulary



Big Questions

How can I use research and develop design criteria to inform the design of my product?

Can I identify which tools and equipment to use in order to perform practical tasks?

Can I investigate and analyse a range of existing products, evaluate idea and product against criteria and consider the views of others?

Knowledge Progression

Learning Questions

Which types of chocolate bars exist? How does packaging and advertising impact sales?

How can I design my own chocolate bar as well as the marketing?

How can I create and accurately evaluate my design?

Mastery Milestones

I can use existing products to create my own design.

I can use a range of resources to make a chocolate bar.

I can evaluate my design based on a set of criteria.

Design and Technology vocabulary

Function, design, purpose, material, tool, equipment, template, develop, mock-up, finish, evaluate, build, structure, aesthetic, sketches, cross-section, diagram, prototype, Computer Aided Design, investigate

Skills Progression

Generate ideas through brainstorming, identify purpose for product being designed. Draw up a specification for the design, plan how materials, processes and tools will be used. Use a range of sources when developing a design, including ICT. Select appropriate tools and resources, accurately using them safely and accurately. Evaluate against original design both personally and from others. Record evaluations and suggest ways it could be improved.



Early Years	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Healthy eating Food from different cultures Junk modelling	Food—Making fruit salad	DT—Design and make a kite	Food—Research seasonal foods. Making Spanish salad and bread DT—Canopic jars	DT—Design and make an Anglo Saxon brooch		Food—Research rationing and discover foods from history