



Use market research the inform plans and ideas

Consider culture and society when planning

Year 7

What was the impact of WWII on the West Midlands?



Use tools correctly and safely with independence



Evaluate a range products

Make a prototype before making the final version

Use a range of tools and equipment competently

Suggest an alternative plan outlining positive feedback and drawbacks



Year 6

Why does the USA have different climate zones?

What's beyond the sky?

Collect information from different sources to develop ideas



Explain how a product will appeal to a specific audience



Use electrical and mechanical components in products



Evaluate products for their purpose and appearance



Explain how the original design has been adapted

Year 5

Why should we protect our oceans?

Why was Britain invaded by the Saxons and Vikings?

Identify the best material that is likely to give the best outcome



Annotate sketches to show ideas

Make accurate measurements for cutting and making holes



Year 4

What did the Ancient Greeks do for us?

Who has helped change our world?

Choose materials that make their product appeal to the consumer



Select the most appropriate tools and techniques for a given task

Join materials in different ways



Think of ideas and plan what they need to do next in order to meet the design criterion



Describe what went well when making a product

Year 3

Why do we visit the seaside?

Why should I go to Sheldon?

Judge their own work against the design criterion



Choose materials depending on their characteristics

Choose materials to make a product and explain why they are being used



Design products to follow a design criterion



Communicate ideas by talking and drawing labelled pictures

Select tools and equipment to shape, join and finish a product



Year 2

Where do big cats live?

How do we know Birmingham and London are cities?

Year 1

Nursery & Reception