

Year One

Structures – Free standing structures
 Topic link – Houses and homes
 Design and make a chair for baby bear



Mechanical systems (mechanisms) – levers and sliders
 Topic Link – Explorers
 Design and make a moving picture book about a famous explorer



Year Two

Mechanical systems
 Wheels and Axles
 Topic Link: Transport and travel
 Design and make a car for the Krazy races



Textiles
 Topic link – Seaside holidays
 Design and make a puppet based on Punch and Judy.



Mechanical systems
 Mechanisms – levers, linkages, pop-ups
 Topic Link: Birmingham
 Design and make a book about Birmingham with levers, linkages and pop-ups.



Electrical systems
 Topic Link: Ancient Egypt
 Design and make a public information display poster

Year Three



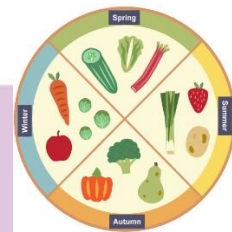
Year Four

Computer aided design (CAD)
 Topic Link: Extreme Earth
 Designing for disaster



Computer aided design (CAD)
 Topic Link: Antarctica
 Design a wheelchair for difficult terrain
 Design a flag for Antarctica (UK Polar Network)

Year Five



Cooking and Nutrition
 Topic Link: Climate change
 Looking at seasonality, climates and what can be grown in different countries.
 Practical food skills cooking with seasonal produce.



Cooking and Nutrition
 Topic Link: Journeys and migration
 A focus on migration, different cultures, food flavours and recipes with a focus on bread.



Textiles
 Topic Link: WW2
 Make do and mend.
 Design and make a teddy bear from recycled materials.

Year Six



Textiles
 Topic Link: The Tudors
 Research pouches used during Tudor times.
 Design and make a contemporary pouch.