

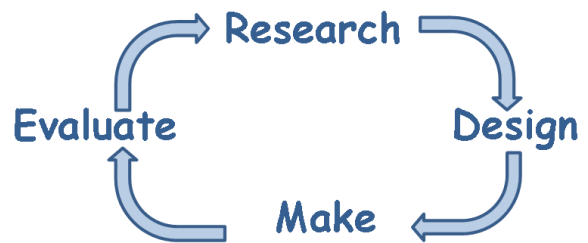
Year 1

DT: Technical– Pinwheels

Learning to Recap:

- Different types of construction materials—cardboard, plastic, paper, tubes, boxes etc
- Some materials are stronger than others—cardboard is stronger than paper
- Joining materials—glue and tape
- Cutting and shaping materials—scissors

New Knowledge and Vocabulary	
Design	Planning and making something for a specific reason or purpose.
Design criteria	Rules to follow when designing a product.
Tools and equipment	Used to cut, shape and join e.g., scissors, saw, glue, split pin.
Materials	The things needed to make a design e.g., paper, plastic, wood.
Evaluate	Comparing designs to work out what is the good about them and what could be improved.
Pinwheel	A toy made of a wheel of paper or plastic attached at its axel to a stick by a pin.
Axle	Something a wheel rotates (spins) around
Weather resistant	A product which is not ruined or harmed by the weather e.g., rain



Design Criteria
Design , make and evaluate a pinwheel which will survive all four seasons.

Because, but, (therefore)...

A plastic pinwheel will survive all four seasons because...

A plastic pinwheel will survive all four seasons but...

Application of knowledge

Design, make and evaluate a pinwheel which will survive all four seasons

Write a set of instructions: 'How to make a pinwheel'