Key spellings Year 7 Design & Technology - Term 1 Tools and • Technology Coping saw Tenon saw Tenon saw

- Annotation
- Material
- Straight
- Safety
- Equipment
- Evaluation



How many words can you spell correctly? Can you put the words in to a sentence?

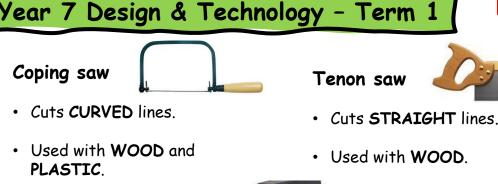


- PLASTICS are also known as POLYMERS.
- Plastics are MAN MADE
- There are TWO main types of plastic THERMO PLASTIC and THERMOSETTING plastic.



What are the two main types of plastic?

Can you name at least one of each and give an example of a product that is made from it?



Pillar Drill

THERMO PLASTICS:

Can be REMELTED and

REFORMED and are

also **RECYCLABLE**.

- Makes HOLES in material.
- Used with WOOD, PLASTIC and METAL.



Hand file

- SMOOTHS the edges of material.
- Used with WOOD, PLASTIC and METAL.





- Helps to MARK OUT and MEASURE right angles on a piece of material.
- Used with WOOD, PLASTIC and METAL.



What tools and equipment do we use in Technology? What do they do? What materials are they used with?

PLASTICS:

Polyethylene Terephthalate (PET) Drinks bottles and packaging. THERMOSETTING

Vice

SECURES material in

place while it is being

Used with **WOOD**,

PLASTIC and METAL

worked on.

 CANNOT be remelted and reformed and are
 High-Impact Polystyrene (HIPS) (Our crazy car) Food packaging.
 CANNOT be remelted and reformed and are
 NOT recyclable. Glass reinforced plastic (GRP) Boats and car panels



Phenol Formaldehyde (PF) - Electrical fittings and saucepan/frying pan handles.

