

Design and Technology Key Stage 3 Exam Revision list.

Year 7.

Materials -Plastics - Acrylic, thermoplastics, thermosetting plastics
Plywood
Mild Steel, pewter, ferrous and non-ferrous metals.
PVA wood glue

Processes - Marking out
Cutting
Shaping
Finishing
Drilling
Bending
Riveting
Casting

Tools - Coping saw
Pillar drill
Strip heater
Disc sander
Files
Scroll saw
Glass paper
Wet and dry paper
Emery cloth
Stika machine

You need to know what tools to use for each of the processes for each of the materials.

You need to know the difference between a thermoplastic and a thermosetting plastic and between a ferrous and a non-ferrous metal.

You can collect your folders from me.

The exam will be one hour long and will have both knowledge based questions and more open ended design questions.

Design and Technology Key Stage 3 Exam Revision list.

Year 8.

Materials - Wood- hardwoods and softwoods

Veneer

PVA wood glue

Acrylic, foamed PVC, thermoplastics, thermosetting plastics.

Processes - Marking out

Cutting

Shaping

Finishing

Drilling

Press moulding

Tools - Coping saw

Pillar drill

Strip heater

Disc sander

Files

Scroll saw

Glass paper

Wet and dry paper

Try square

Bench hook

Steel rule

You need to know what tools to use for each of the processes for each of the materials.

You need to know the difference between a hardwood and a softwood and thermoplastics and thermosetting plastics.

You can collect your folders from me.

The exam will be one hour long and will have both knowledge based questions and more open ended design questions.

Design and Technology Key Stage 3 Exam Revision list.

Year 9.

Materials -Wood- MDF

PVA wood glue

Acrylic, foamed PVC, thermoplastics, thermosetting plastics

Metals - ferrous, non-ferrous, mild steel, aluminium

Pop rivets

Nuts and bolts

Processes - Marking out

Cutting

Shaping

Finishing

Drilling

Plastic memory

Press moulding

Mould making

Riveting

Tools -

Coping saw

Pillar drill

Oven

Strip heater

Disc sander

Files

Scroll saw

Glass paper

Wet and dry paper

Emery cloth

Metal bending equipment

Pop riveter

You need to know what tools to use for each of the processes for each of the materials.

You need to know the differences between a ferrous and a non-ferrous metal and thermoplastics and thermosetting plastics.

You can collect your folders from me.

The exam will be one hour long and will have both knowledge based questions and more open ended design questions.