



Design Technology KS3



Mastery in Year 9

- A depth of knowledge of how to use materials and components to create an electric circuits.
- Safe and independent use of tools and equipment including machinery.
- Ability to demonstrate influence from an art movement.

TOOLS AND EQUIPMENT

Do you know the names and uses of the CAD/CAM machines?



DESIGN AND MAKE PROJECT-UPCYCLED DESK LAMP

How can different electronic circuits and components enhance basic product design?



TRANSITION

HEALTH AND SAFETY IN THE WORKSHOP

How can products be tested to make sure they are safe to use?



YEAR
9

DESIGN AND MAKE PROJECT - COAT HOOK

Can you describe the famous graphics of Noma Bar?



DESIGN AND MAKE PROJECT - UPCYCLED CLOCK

CAD/CAM - How have computers be used to help make different products?



Mastery in Year 8

- A depth of knowledge of the five steps of the design cycle.
- Safe and independent use of tools and equipment including machinery.
- Ability to demonstrate influence from art movements / designers.

YEAR
8

HEALTH AND SAFETY IN THE WORKSHOP

Why is the emergency stop necessary in the workshop?



TOOLS AND EQUIPMENT

Do you know the names and uses of the machinery in the workshop?



DESIGN AND MAKE PROJECT - SWEET DISPENSER

Looking at designed and made products - what problems did they solve?



DESIGN AND MAKE PROJECT - WALL CLOCK AND PACKAGING

How can different colour palettes appeal to different target markets?



Mastery in Year 7

- A depth of knowledge of the five steps of the design cycle.
- Safe and independent use of tools and equipment.
- Ability to demonstrate influence from art movements / designers.

YEAR
7

HEALTH AND SAFETY IN THE WORKSHOP

Can you name and apply x 5 safety rules for workshop?



TOOLS AND EQUIPMENT

Do you know the names and uses of the basic hand tools in tools in the workshop?



DESIGN AND MAKE PROJECT - PERSONAL DESK ORGANISER

How can newly designed products be inspired by design movements of the past?

