YEAR 7 DESIGN AND TECHNOLOGY

KING JAMES'S SCHOOL

KNARESBOROUGH

Name:

Teacher: Class:

During year 7 you will study 4 different aspects of Design and Technology:

Food | **Textiles** | **CAD/CAM** | **Workshop** (Nightlight)

This will be your first unit in the DT workshop. You will learn the rules of how to safely work in a workshop enviroment. You will also learn how to use some of our workshop machines. You will make and design a nightlight designed to reflect the design work of ALESSI.

CONTENT

Product Analysis

Designing in the style of Alessi

Using Hand Tools

Using a Range of Machinery

Health & Safety in the Work-shop

Electronic Circuits

SKILLS

Soldering a number of components in an electrical circuit with accuracy.

Learn to use a range of hand tools:
Steel rule
Smooth file
Abrasive paper

Learn to use a range of machines:
Fret Saw
Rotary Disc Sander
Pillar Drill

Key Vocab:

Vacuum Form	Hegnew Saw	ALESSI
Circuit	Solder	Aesthetics
Light Emitting Diode	Pillar Drill	Mould