YEAR 8 DESIGN AND TECHNOLOGY

KING JAMES'S SCHOOL

KNARESBOROUGH

Name:

Teacher: Class:

During year 8 you will study 4 different aspects of Design and Technology:

Food | **Textiles** | **CAD/CAM** | **Workshop** (Sweet Dispenser)

This unit will build upon the skills your learnt in the year 7nightlight project and intruduce a focus upon accuracy in your manufacturing.

CONTENT

The importance of accurate Technical Drawings including the use of British Standards Conventions

Using Jigs in manufacturing

Retro Americana design style

Health & Safety in the Work-shop

SKILLS

Learn to use a range of hand tools:
Tennon saw
Try-square
Steel rule
Sanding board
Bench-hook

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

How to add dimensions to a working drawing

Key Vocab:

Tri-Square
Bench Hook
Tenon Saw
MDF
BSI
Dimensioning
Jig
Abrasive
Component