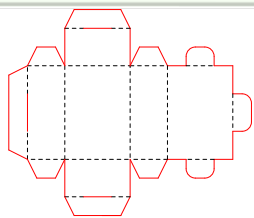
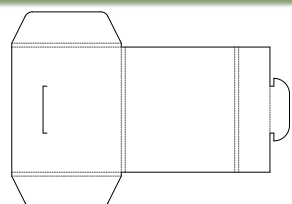


DESIGN & TECHNOLOGY KS3: Year 7



PRACTICAL SKILLS

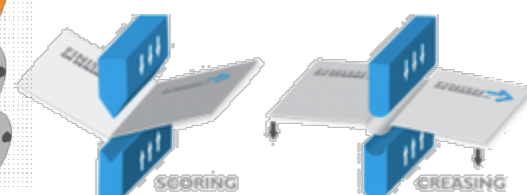
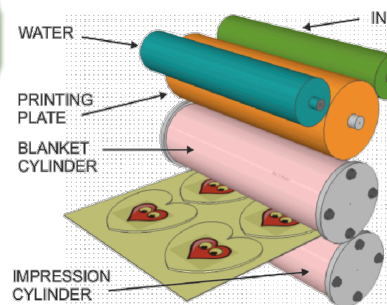
- Basic 2D Design skills -
- Adding colour
 - Adding images and details
 - Creating additional features e.g. hair, cape etc.
- Scoring, creasing, folding and constructing
- Considering layouts and industrial processes



KNOWLEDGE

- Investigating a design brief
- Creating design ideas
- Designing through CAD
- Constructing a 3D product
- Surface developments (Nets)
- Industrial processes
- Quality Control in manufacturing
- Testing & Evaluating

NUMERACY – Area of a square



PAPER & BOARDS



PRACTICAL SKILLS

- Creating a template
- Cutting MDF using a coping saw
- Smoothing edges with a file
- Smoothing surfaces with glass paper
- Applying a finish
- Drilling a hole
- Countersinking a hole



NUMERACY - Measuring

KNOWLEDGE

- Health & Safety in the workshop
- Hardwoods
- Softwoods
- Manufactured boards
- Names and uses of workshop tools
- Finishes

TIMBERS

PRACTICAL SKILLS

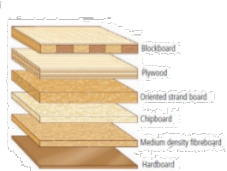
- Cutting skills - Fruit salad
- Using the hob - Stir fry
- Grilling - Halloumi cheese kebabs
- Baking - Carrot cupcakes



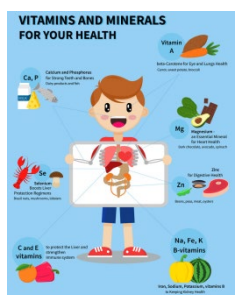
Manufactured boards

Making boards and sheets from wood or wood products

- Veneers
- Sawdust
- Wood fibres
- Wood strips
- Wood flakes



In year 7, you will spend a full term in each of the areas of Design & Technology. By the end of the year you will have experienced Food, Timbers and Paper & Boards.

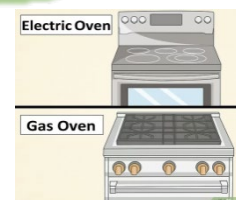


FOOD

KNOWLEDGE

- Health and safety in the kitchen
- Eat well guide
- Vitamins and minerals
- Parts and uses of a cooker
- Dairy
- The Science behind the cupcake

NUMERACY - Weighing & measuring



OUR LEARNING JOURNEY

