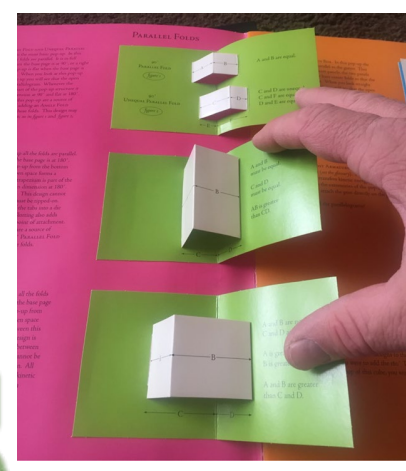


DESIGN & TECHNOLOGY KS3: Year 8



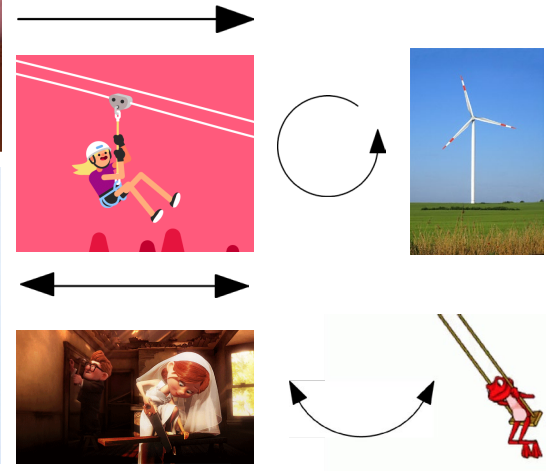
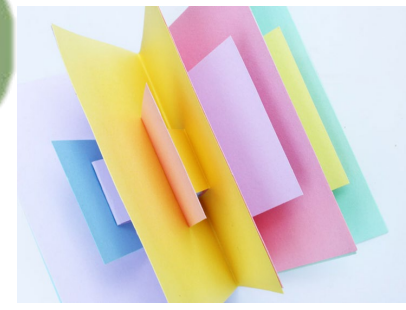
PRACTICAL SKILLS

- Advanced 2D Design skills
- Drawing nets
- Adding graphics
- Planning and modelling mechanisms
- Producing pop-up cards
- Manufacturing envelopes



KNOWLEDGE

Who is Robert Sabuda?
Types of motion?
The importance of typography & colour when designing
Pop-up design
Surface developments/envelopes
Isometric drawing
Industrial processes



NUMERACY – Area of a cuboid

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

TIMBERS

PRACTICAL SKILLS

- Koftas
- Bolognaise
- Vegetarian Curry
- Recipe Adaption



In year 8, you will spend a full term in each of the areas of Design & Technology. By the end of the year you will have advanced your skills in Food, Timbers and Paper & Boards.

KNOWLEDGE

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



KNOWLEDGE

- Health & safety
- Cross contamination
- Food temperatures
- Food provenance
- Function of eggs
- Herbs & spices
- Cereal and staple foods
- Religion and food

NUMERACY – Portions & fractions



OUR LEARNING JOURNEY

