

## Year 7 Design Technology – Graphic skills

### Homework 1 – Rendering

On the sheet provided practice rendering the shapes using the two / three rendering techniques shown in class. Make sure that you follow the rules set in class about rendering:

- Small areas at a time
- Rendering with a sharp pencil
- Light rendering in one direction and then render in another direction building up the layers.
- Keep within the shape.

### Homework 2 – Character Rendering

On the sheet provided practice using your rendering skills on a cartoon character to show different coloured clothing, or a rounded body using a gradient render

### Homework 3 – Drawing equipment

Sketch down each piece of drawing equipment that you have used to draw your cartoon character and describe how you have used each piece.

Explain how this piece of equipment has helped improve your drawing.

### Homework 4 – Step by step character

Create a sheet that demonstrates how to create a step by step guide for drawing a cartoon character.

Make sure you draw this guide clearly and neatly using the proper drawing equipment and annotate your step by step guide clearly.

### Homework 5 – Papers and Boards

Using the information about Papers and boards on the Knowledge organiser state a paper or board you would use for the following scenarios and state why you have chosen this type of Paper or Board.

You have been asked to design and paper a Menu holder out of a thick sturdy card.

You have been asked to design and make a box out of a suitable card that will protect electronics when being transported.

You have been asked to design an Artists sketch book that will have pages inside for artists to draw and paint on

You have been asked to design and make a packaging box to help sell a cereal to young children.

You have been asked to design and make a sketch book that will allow a designer to overlay designs to help develop up a design.

### Homework 6 – Cutting

Create a list of safety equipment you need to use when using a scalpel to material.

State why each piece of equipment is needed.

Create a list of rules to follow when using a scalpel

What must you NOT DO when using a scalpel?

### Homework 7 – Evaluation

Create a list of tests you could carry out on your Fridge magnets to test their function and performance

Look at the list of Specification points and evaluate your product against those points.

You will need to state if it has or has not met the Specification point and describe how it has or why it hasn't.

Specification

It must be Aesthetic

It must use colour

It must be part of a series

It must be magnetic

It must hold items to a metal surface

It must be ergonomic

It must no bigger than 50mm in size

It must be a recognisable shape / character

It must be made out of a suitable material

It must have a suitable finish

It may use more than one colour

It may use include a pattern

It may have rounded edges

It may have curved buttons

It may have embellishments