

# Y7 - Phone Stand

Extending



- Product meets the brief & holds the phone
- Embroidery stitches included using a variety of colours & considered placement
- Printed label attached

Secure



- Good coverage of tie-dye
- Embroidery used in a random pattern
- Neat and holds phone

Developing

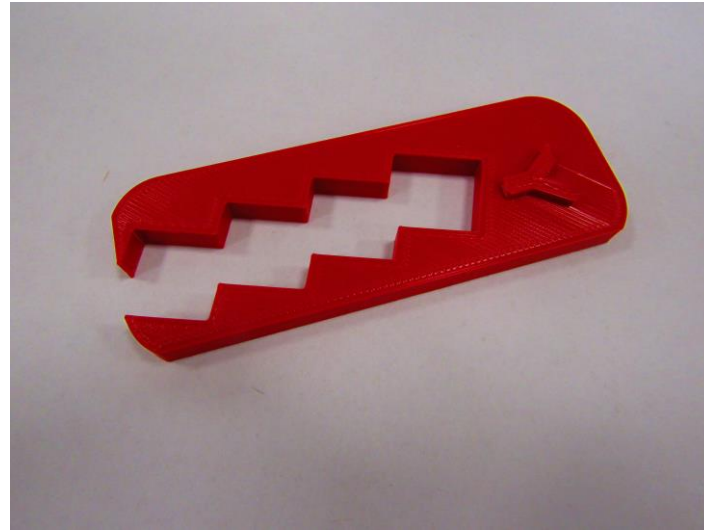


- Product meets brief  
Sewing may not be accurate, leading to areas with holes or other errors. Good attempt at hand sewing and tie-dye has good coverage

# Y7 - 3D Printing & CAD



- **Extending**
- Carried out development using a wide range of CAD techniques to develop a very detailed product
- Ideas demonstrate innovation and imagination

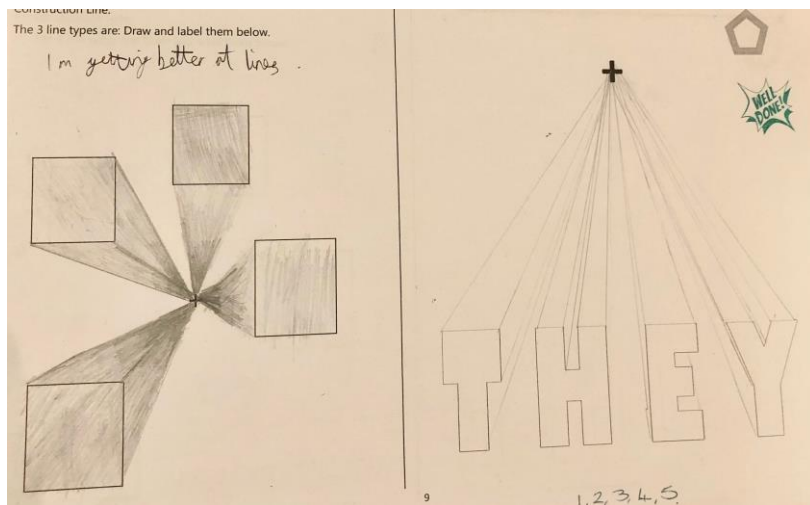


- **Secure**
- Carried out development using a range of CAD techniques to develop a very detailed product
- Ideas demonstrate some innovation and imagination



- **Developing**
- Carried out development using some CAD techniques to develop a product
- Ideas demonstrate some imagination

# Y7 - DT Drawing Skills

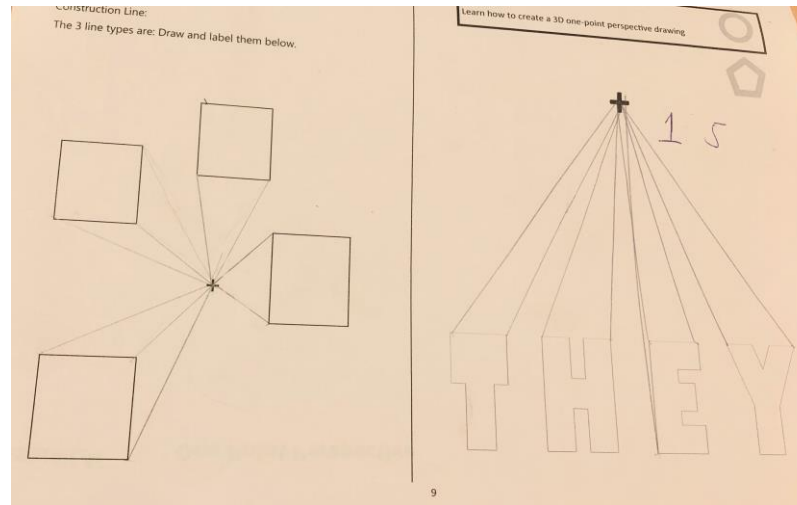


## Extending

High level of DT drawing skills consistently evidenced.

Competent one point perspective, isometric projection and 3D rendering skills shown.

Excellent 2D computer design skill Knowledge.

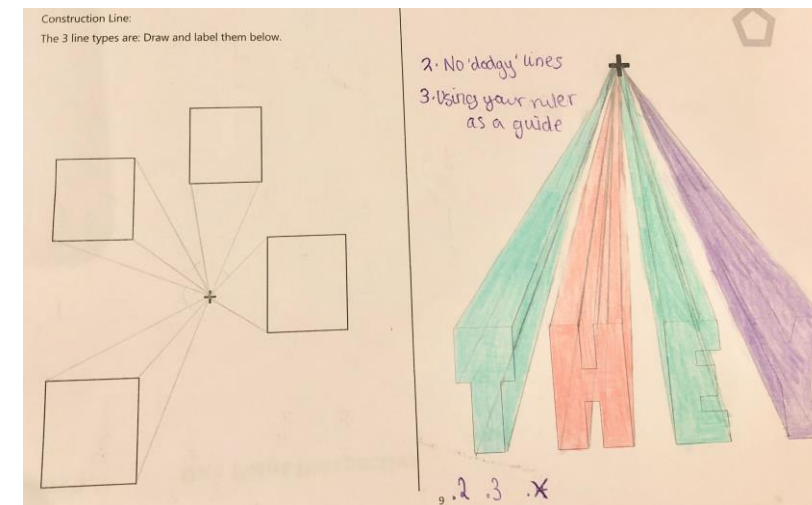


## Secure

Good level of DT drawing skills evidenced.

Good one point perspective, isometric projection and 3D rendering skills shown.

2D computer design skill knowledge.



## Developing

Improving level of DT drawing skills shown.

Understanding of the skills required for one point perspective, isometric projection and 3D rendering skills. Understanding of some 2D computer design skills.

# Y7 - Tealight

**Extending**



- A complex design with a high degree of manual skill, finished to a high standard.
- Idea demonstrates innovation and imagination.

**Secure**



- A challenging design with a high degree of manual skill, finished to a high standard.
- Idea demonstrates creativity and imagination.

**Developing**



- A simple design which is well made, finished to a good standard.
- Idea demonstrates a basic but appropriate response to the design problem.

# Y7 - Graphics

## Extending



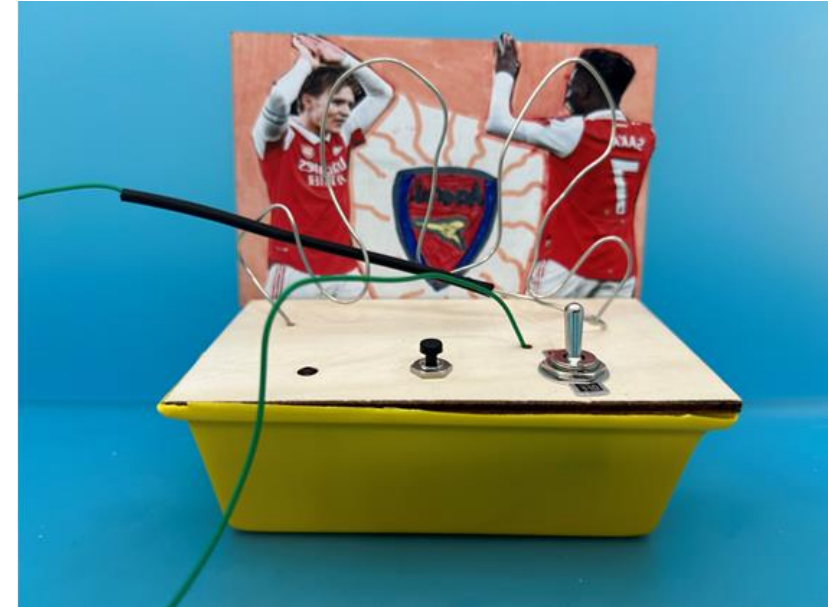
- A complex graphic design and wire with a high degree of manual skill, finished to a high standard.
- Idea demonstrates coherence and imagination.

## Secure



- A challenging graphic design done with care, finished to a high standard.
- Idea demonstrates creativity and imagination.

## Developing



- A simple design which is well made, finished to a good standard.
- Idea demonstrates a basic but appropriate response to the design problem.

# Y8 - Pencil Case

Extending



Design includes several pieces that interlocking or tessellated pieces. made to a high quality.

Secure



A more challenging design, simple shapes, templates used to create repeat pieces.

Sewing may not be consistently accurate.

Includes some couching.

Developing



Includes applique, but templates were not used to make the shapes.

Sewing may not be accurate, leading to pieces coming away.

# Y8 - Marble Maze



## Extending

Design ideas demonstrate a high level of creativity, innovation and imagination.

Design is finished to a high standard.

## Secure

Design ideas demonstrate creativity and imagination.

## Developing

The design ideas show an understanding of the brief and demonstrates a basic but appropriate solution.

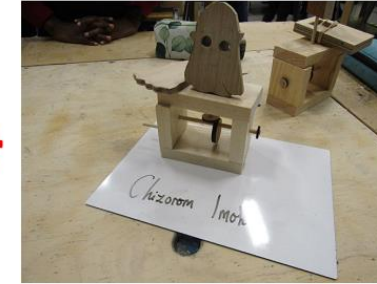
# Y8 - Automata

E+



- I can use of tools, materials and equipment (inc. CAM where appropriate) safely and with a consistently high level of skill.
  - My outcome shows an exceptionally high level of consistent making/finishing skills which are appropriate for the desired outcome.
  - I can use of quality control consistently and accurately taking into account measurements, testing and application of very close tolerances.
- My prototypes are fantastic

E+

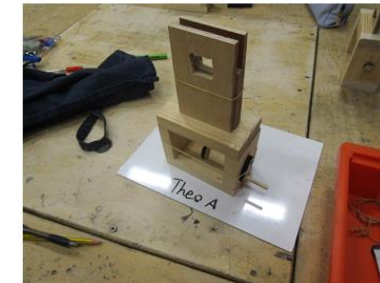


E



- I can use of tools, materials and equipment (inc. CAM where appropriate) safely and with a good level of skill.
- My outcome consistently shows good making/finishing skills which are appropriate for the desired outcome.
- I can use quality control techniques accurately taking into account measurements, testing and application of very close tolerances.

S

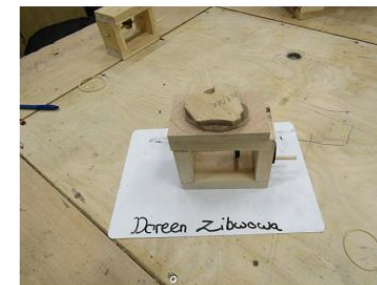


S-



- I can use of tools, materials, and equipment safely, demonstrating some level of skill.
  - My outcome shows my best making/finishing skills though I may need some support with this.
- I can use of quality control to check measurements with support

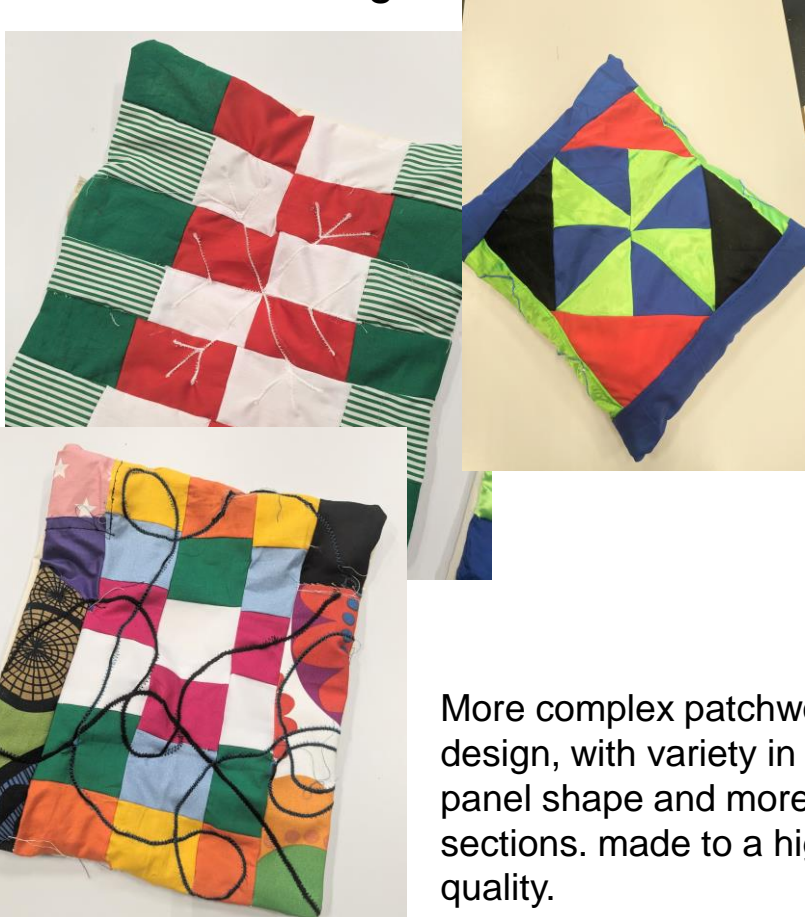
D-





# Y9 - Cushion

Extending



More complex patchwork design, with variety in panel shape and more sections. made to a high quality.  
Includes some couching that works with background.

Secure



A more challenging design, small number of panels but more complex shapes.

Sewing may not be consistently accurate  
Includes some couching.

Developing



A small/limited number of panels often straight, in limited colours.

Sewing may not be accurate, leading to areas with holes or other errors. Little or no couching.

# Y9 - Clock

## Extending



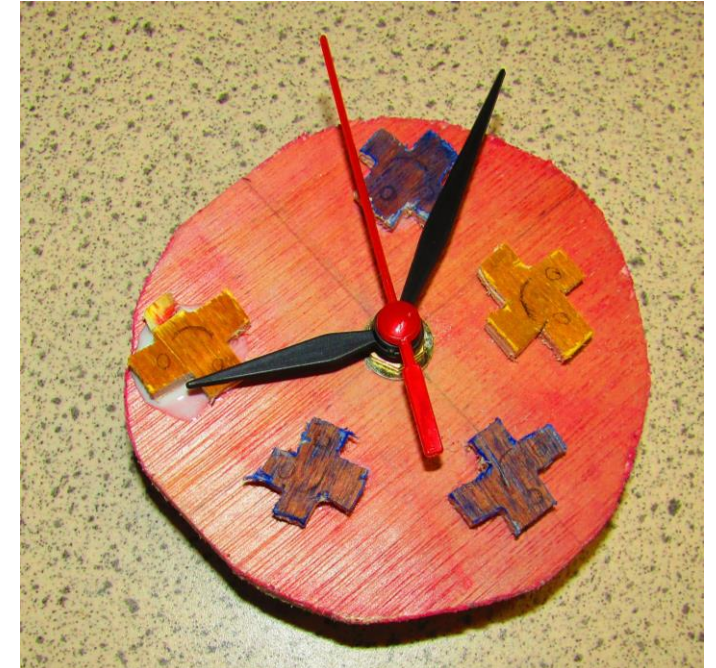
- coherent investigation into a range of design movements, clearly identifying attributes
- An experimental and iterative series of designs using appropriate and effective range of techniques
- Product demonstrates high level of skill and accuracy including use of CAD.CAM

## Secure



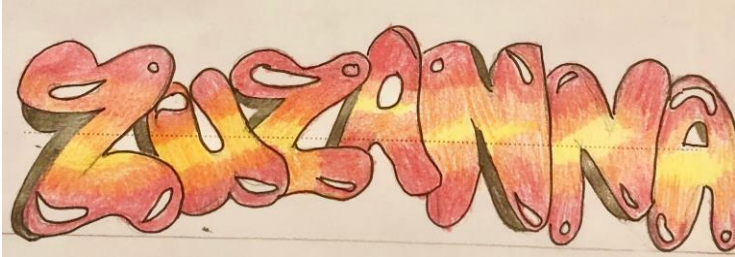
- research clearly linked to the context with some key attributes of design movements identified
- a range of appropriate design ideas clearly linked to the design investigation
- Product demonstrates a good level of skill and accuracy

## Developing



- Research which has some links to context
- Ideas show some imagination and give some consideration to aesthetics and context
- Product demonstrates some level of skill

# Y9 - Graphic Communication



## Extending

Typographic designs demonstrate a high level of creativity, skill and competency. Screenprinting designs show a mastery of the production techniques.

## Secure

Typographic designs show a good level of creativity, skill and understanding. Screenprinting designs show a good level of the production techniques.

## Developing

Typographic designs show an awareness of the expected level of creativity and production skills. Screenprinting designs show an understanding of the production

# Y9 - Night Light

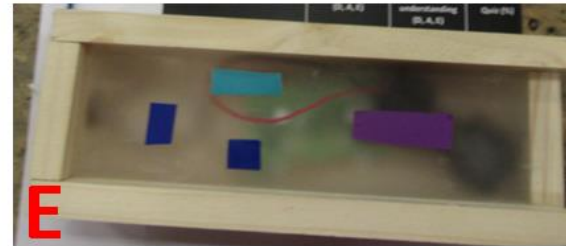


E+

- I can use of tools, materials and equipment (inc. CAM where appropriate) safely and with a consistently high level of skill.
  - My outcome shows an exceptionally high level of consistent making/finishing skills which are appropriate for the desired outcome.
  - I can use of quality control consistently and accurately taking into account measurements, testing and application of very close tolerances.
- My prototypes are fantastic



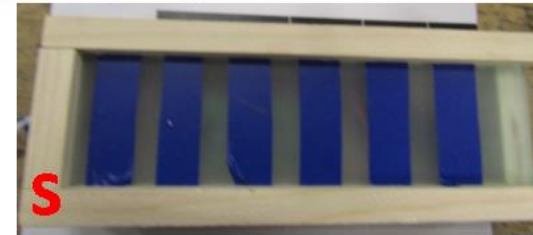
E+



E

- I can use of tools, materials and equipment (inc. CAM where appropriate) safely and with a consistently high level of skill.
  - My outcome shows an exceptionally high level of consistent making/finishing skills which are appropriate for the desired outcome.
- My prototypes are fantastic

- I can use of tools, materials and equipment (inc. CAM where appropriate) safely and with a good level of skill
- My outcome consistently shows good making/finishing skills which are appropriate for the desired outcome.
- I can use quality control techniques accurately taking into account measurements, testing and application of very close tolerances.



S



S

- I can use of tools, materials, and equipment safely, demonstrating some level of skill.
  - My outcome shows my best making/finishing skills, though I may need some support with this.
- I can use of quality control to check measurements with support



D+