

# Y9 Design Technology Home Learning

Phone Holder Project

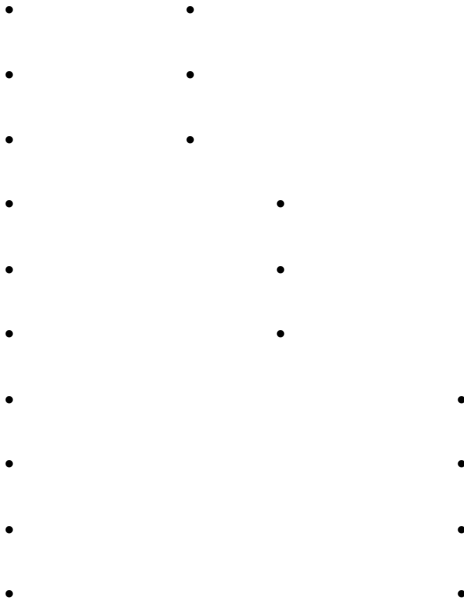
Name: \_\_\_\_\_

Teacher: \_\_\_\_\_

## Task 1

# Sketching Lines

Practice sketching straight lines using a pencil and no ruler! Remember, no spider lines

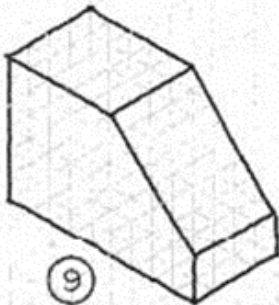
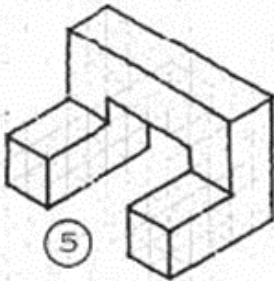
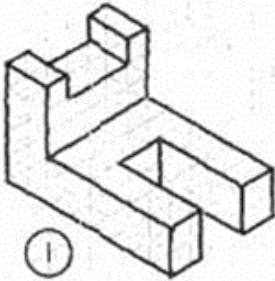


In the space below practice drawing squares, triangles and circles using the techniques shown in class. Remember to rotate your page.

## Task 2

# Sketching in Isometric

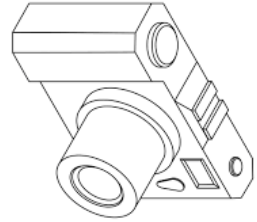
Choose one of the shapes to recreate in isometric. Use tick and thin lines to enhance the drawing.



## Task 3

# Sketching in Isometric

Using the grid redraw the isometric shape, use pencil and no rulers!



## Task 4

### Existing designers

Choose one of these designers to investigate:

- Airbus
- Apple
- James Dyson
- Philippe Starck
- Matthew Williamson

Your task is to produce an informative A4 poster about them and their work. You will use this information as part of your project.

**Think about the following...Key information – style, materials, cost, etc.**

# Task 5

Plan Elevation	Isometric	Student Name:
Front Elevation	Side Elevation	Group:
		Manufacturing Scale:
		Materials:
		Machinery to be used:
		Model final finish:
		<u>Manufacturing Plan and Orthographic Projection</u>

## Task 6

### Industrial Processes - Line bending

Teach a non design technology specialist how to safely use a line bender.  
Create a step by step guide below.

