



MYP Design Group 1 – Wednesday 30th April

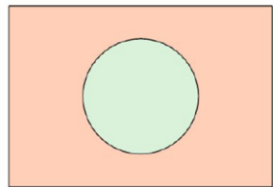
Lesson Instructions:

A) Practise Orthographic and Isometric drawing:

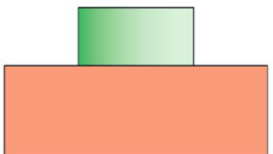
- I. Recap the difference between Orthographic and isometric by reviewing the next page.
- II. Redraw the Isometric views of 1 to 6. (see the following pages) Blank paper can be found in the cupboard.
- III. Draw the Orthographic views. You may need to scale your dimensions.

Ensure your name is on every piece of paper.

Orthographic



Top view

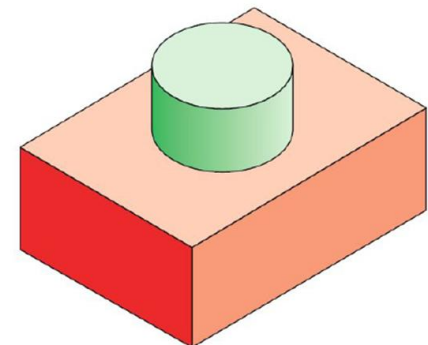


Front view



Side view

Isometric

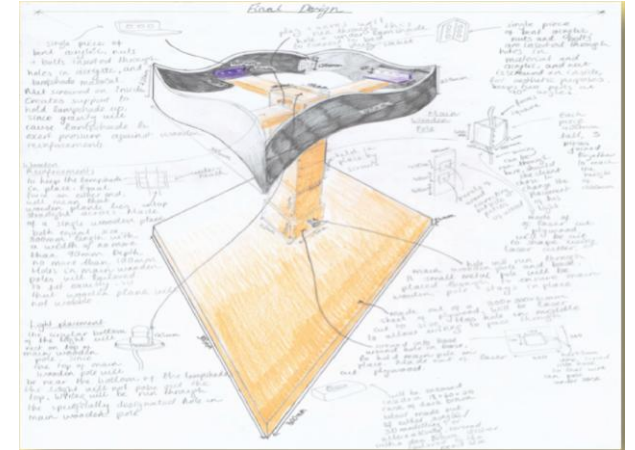




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Lesson Instructions continued:

B. If not yet done, complete your chosen table design.



C. Start to create your portfolio and transfer your information from your design sheets to a word document and the portfolio on the community website.

Design Cycle Worksheet

Name: _____ Grade: _____ Date: _____

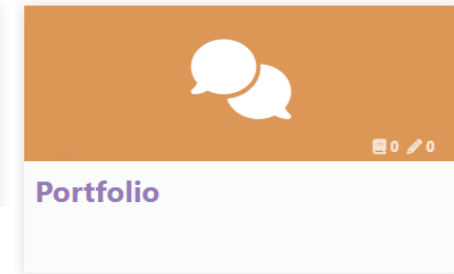
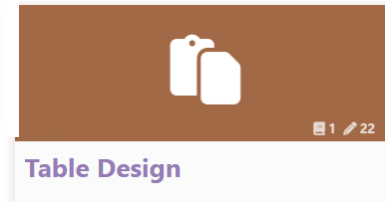
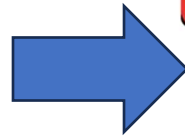
Explain and justify the need:
To enable to write at a comfortable level

Identify and prioritise the research:
Analyse existing products:
- Range the suitable person would fit (person height) = 1.3 to 1.86 m
- Table height = 63 to 80 cm
- Possible shapes:

3 tables types in the class.
Focus on 2.

Develop a design brief:
The design will allow a person to write comfortable at a raised height from the floor.
It will fit into a limited space.
It will support the weight of a person.

Develop a design specification:



New Topic

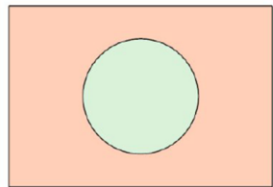


Orthographic and Isometric Practise

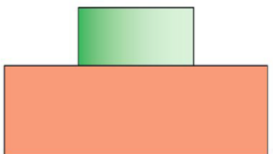
Drawing Layouts:

Outlines	
Construction lines	
Hidden details	
Centre line	
Dimension arrow	

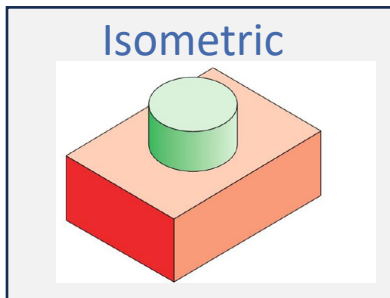
Orthographic



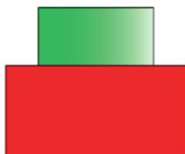
Top view



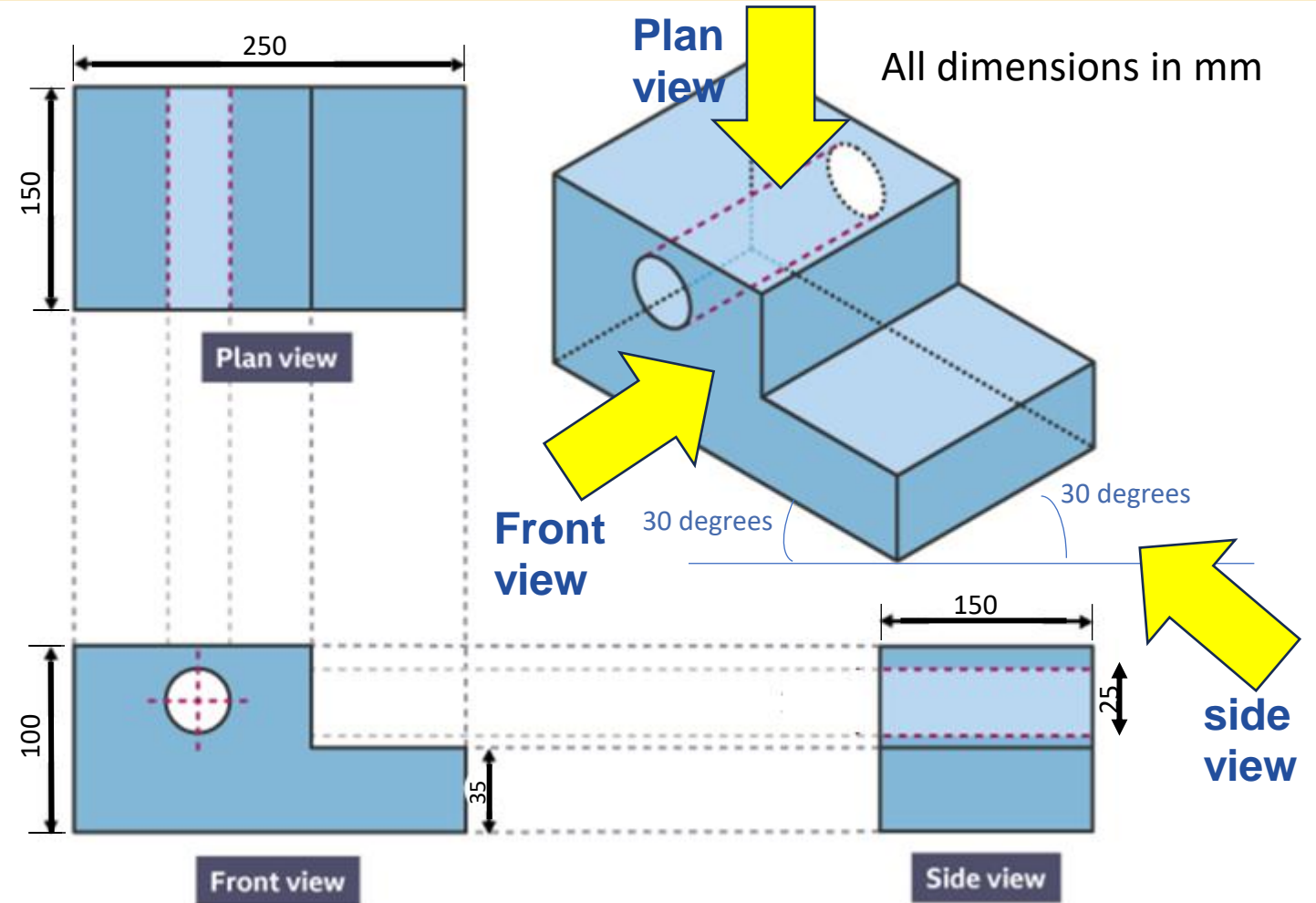
Front view



Isometric



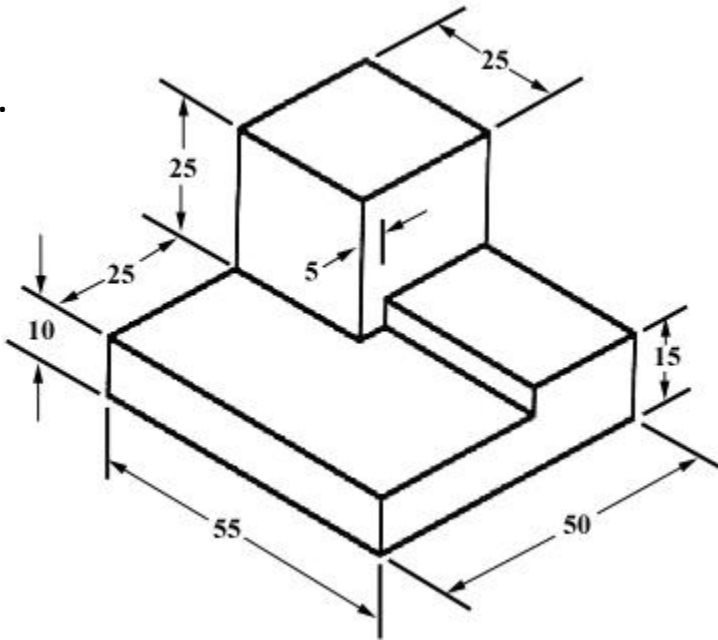
Side view



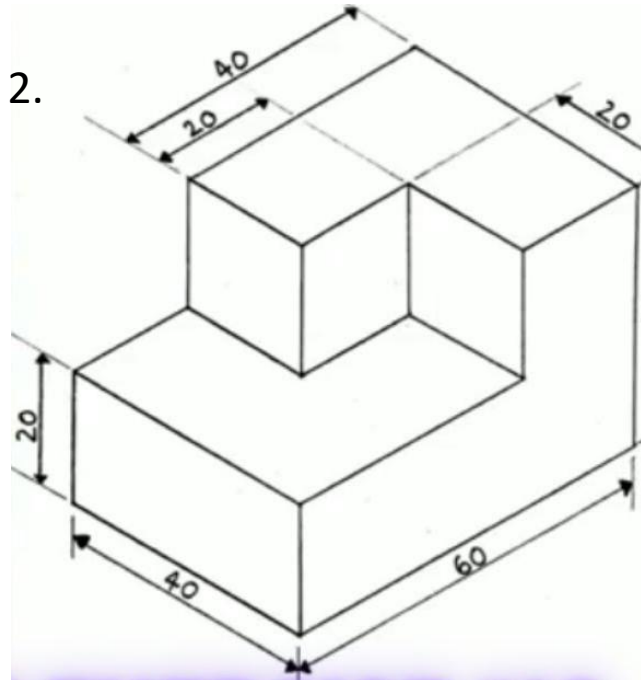


Orthographic and Isometric Practise

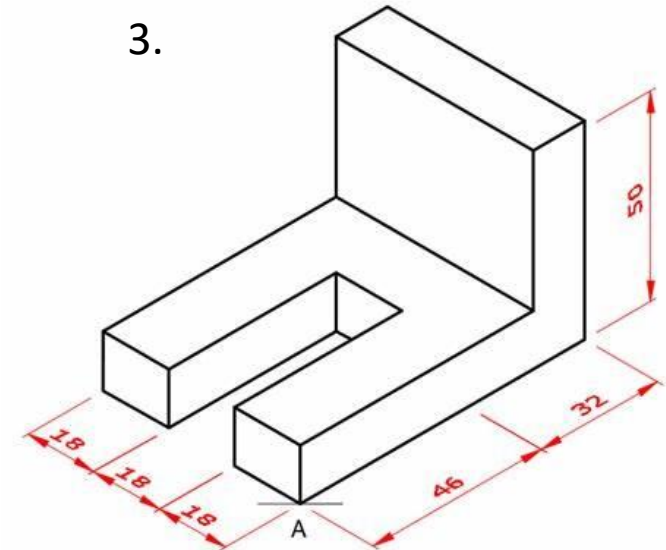
1.



2.

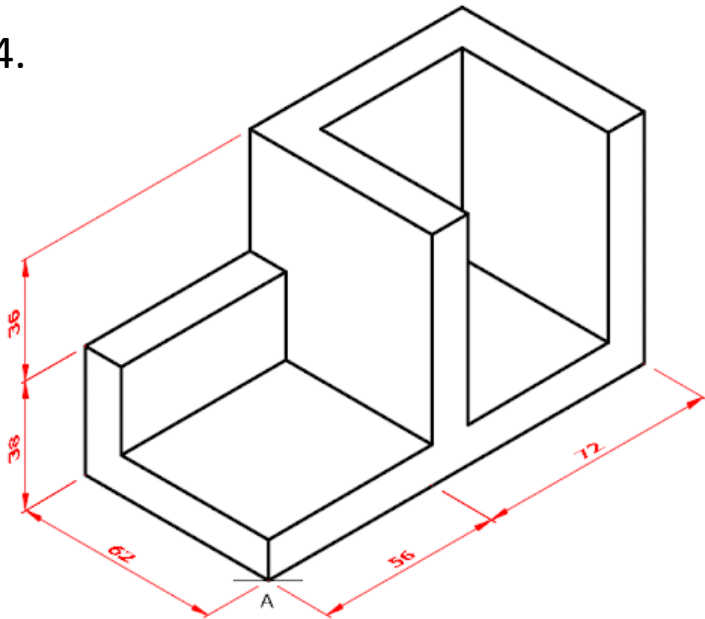


3.

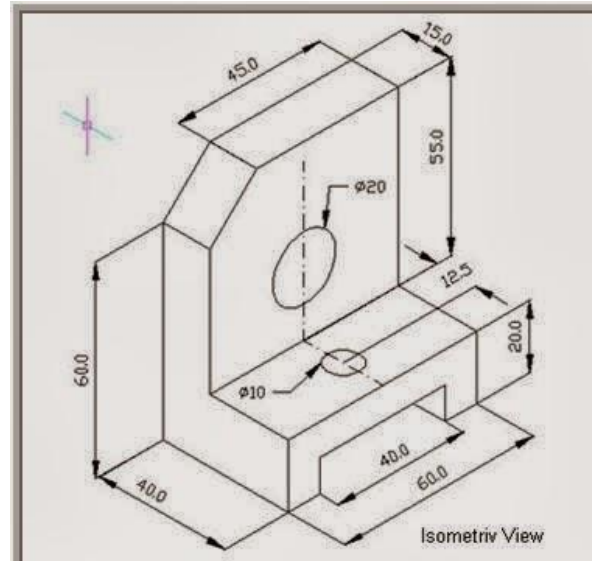


Orthographic and Isometric Practise

4.



5.



6.

