



Dear Parents and guardians,

The students will continue to develop their technical graphic skills. Such skills include:

- How to produce accurate drawings using a range of specialist equipment
- How to colour coordinate and index each drawing
- How to read and interpret drawings and diagrams
- How graphics relate to the design and manufacture of products.



The main focus this term is to build the students confidence and to develop their effective and psychomotor domain for the subject. Each student will commence with the assembly of their drawing portfolio

**Some of the things students may do in class are:**

- Produce neat drawings of everyday items
- Use freehand sketching, colouring and shading to represent objects
- Make paper/cardboard cut-outs of items and use these to model items in 3-D
- Work on their own and as part of a group
- Organise and maintain a folder of drawings and notes.

**March topic focus**

**Isometric Projection**

Grade 6	Grade 7	Grade 8
<ul style="list-style-type: none"> <li>• Be able to confidently use 45, 60-30 set squares.</li> <li>• Asses a given object and determine all the required projection sizes.</li> <li>• Be able to accurately measure a given angle.</li> <li>• Create basic development drawings of a given object.</li> </ul>	<ul style="list-style-type: none"> <li>• Be able to confidently use 45, 60-30 set squares.</li> <li>• Understand unit of measurement and be able to examine and use correct dimensions.</li> <li>• Be able to measure and create any given angle using a protractor.</li> <li>• Create complex net/development drawings. Rendering each design.</li> </ul>	<ul style="list-style-type: none"> <li>• Be able to accurately/confidently use all drawing equipment including 45, 60-30 set squares protractor and compass.</li> <li>• Understand unit of measurement.</li> <li>• Create complex isometric projection drawings with accompanying freehand sketches.</li> </ul>

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Please do not hesitate to contact me if you have any queries.

Thank you, Design Technology Department