

Cycle Design Communication Skills

My Expected Grade

Teacher Assessed Grade (circle)

SBE BE E AE SAE

Comment:

Grade		Prior Knowledge	New Knowledge
8 - 9	I can... <ul style="list-style-type: none"> • Draw accurately in orthographic projection and can explain the difference between 1st & 3rd angle projection. • Skilfully create development pages using a range of enhancement tools such as colour blocking; shadow and image manipulation tools. • Be creative & innovative to develop my ideas using a range of appropriate 3D technical drawing techniques. • Skilfully communicate my ideas using the freehand technique in isometric. • I can communicate my ideas clearly using Isometric. • Respond effectively and accurately to a range of questions in assessment on a broad number of topics. 		
6 -7	I can... <ul style="list-style-type: none"> • Draw accurately in orthographic projection. • Effectively layout a development page using at least one communication tool such as colour blocking. • Be creative and fully develop a range of ideas with a degree of skill. • Effectively communicate a range of ideas using the freehand drawing technique. • I can draw a range of complex forms in Isometric. • Recall and explain previous learning in response to broad questions in an assessment. 		
4 -5	I can... <ul style="list-style-type: none"> • Demonstrate basic understanding of orthographic projection. • Effectively layout a development page. • Be creative and suggest several design possibilities using at least 1 3D drawing technique. • Communicate my ideas using the freehand drawing technique. • Draw simple forms in Isometric. • Recall previous learning and respond to questions in an assessment. 		

Tick when you think you are able to define the meaning of the keyword

KEYWORDS	Isometric	Projection	Horizon line
Freehand sketching	Enhancement	Manipulation	Develop
Tone	Complex	Orthographic	

LEARNING TOOLS

Challenge!

Can you add more keywords you have covered?

Lesson	Content	Completed?	
		Y / N	EFFORT
1	<ul style="list-style-type: none"> Design Communication: skills assessment Re-Design Challenge! <p>Homework: Select 6 products in your home and sketch them using the freehand technique.</p> <p>Challenge: Sketch the same product again from a different view point.</p> <p>Further Challenge: Watch a video such as the one below to help develop your skills.</p> <p>https://www.bing.com/videos/search?q=Free+Hand+3D+Sketch&view=detail&mid=03E3EF85DCA5DAF2C85903E3EF85DCA5DAF2C859&FORM=VRDGAR&ru=%2Fvideos%2Fsearch%3Fq%3DFree%2BHand%2B3D%2BSketch%26FORM%3DVIDMHR5</p>		
2	<ul style="list-style-type: none"> <u>Homework review</u> 3D shape warm up Develop exercise Design Communication techniques 		
3	<ul style="list-style-type: none"> Using PowerPoint: techniques for image enhancement <p>Homework: Complete the worksheet on orthographic projection.</p> <p>Challenge: Draw the symbols for 1st & 3rd angle projection.</p> <p>Further Challenge: Prepare yourself even more for next lesson by taking any 3D shape and drawing it accurately in 3rd Angle Orthographic.</p>		
4	<ul style="list-style-type: none"> Homework Review Orthographic Projection 		
5	<ul style="list-style-type: none"> Google Sketch Up: demo CAD Design development <p>Homework: You must prepare to re-take the drawing skills test set at the start of this cycle. You must choose which revision resources you will need in order to prepare for the assessment.</p> <p>Challenge: Consider what type of questions might be on the assessment and practise answering them.</p> <p>Further Challenge: Write your own markscheme for the questions you have created—self assess your own skills to highlight areas of strengths & weaknesses.</p>		
6	<ul style="list-style-type: none"> End of cycle assessment: skills test—retake of initial starter test to monitor progress. End of project review—peer and self assessment. 		

Why are we learning how to communicate our ideas effectively?



You are learning how to communicate your design work effectively so that you:

- ◆ Have a broader understanding of the different techniques used by designers to develop their ideas.
- ◆ Develop your own design skills and enhance the effectiveness of how you communicate YOUR ideas.
- ◆ Can skilfully create development pages to incorporate CAD alongside freehand sketching techniques.
- ◆ Are able to gather third party feedback on your ideas.

New Learning made. 

List three or more subject specific information you have learnt in this project.

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