Sketching & illustration

Higher · Drawing & spatial awareness · Worksheet

GRAPHICS WITH MR KELLY

Name _____ Class _____ Date _____

By the end of this worksheet I can…

- ☐ sketch in proportion with good line quality, using crating
- ☐ sketch pictorial and orthographic views from given drawings, with hidden detail
- ☐ describe illustration techniques: light, shade, shadow, reflection, tone and texture

I DO — Worked example

Read how a full-mark answer is built

A pupil sketches a bracket in isometric and in orthographic views from a data sheet.

1 Describe how the pupil should show hidden detail and keep the sketches in proportion. (2 marks)

Points that earn marks from the marking instructions: one ✓ per point

- ✓ Hidden edges shown as thin dashed lines in every view where they can't be seen
- ✓ Proportion kept by comparing sizes and crating the overall shape first

WE DO — Guided practice

Use the starters and word bank to help you

2 Describe two techniques that improve the quality of a freehand pictorial sketch. (2 marks)

Sentence starters

One … is …, which means …

Another … is …, so …

Word bank

Tone · firmer · Construction lines · proportions · Depth · Proportion · Crating · sketching

Tip: 2 marks = 2 separate, developed points.

YOU DO — On your own

No notes. Check your answers afterwards.

3 Quick check: tick one box for each.

a) In the assignment sketching task you may use…

☐ A drawing board ☐ Set squares ☐ CAD-generated views to trace ☐ A straight edge

b) What is crating?

☐ Packing a finished product into a box for delivery ☐ A type of hatching used on sectional views ☐ Sketching a box first and building the object inside it ☐ Adding colour and tone to an outline sketch

c) Which shows a shiny metal surface?

☐ Reflections and highlights ☐ Wood grain and knots ☐ Section hatching lines ☐ Contour lines and shading

4 Key terms: write the letter of the matching description next to each term.

1. **Crating**	____	**A** Light lines used to set out a sketch; must look different from outlines.
2. **Construction lines**	____	**B** Graded shading from light to dark that shows form.
3. **Tone**	____	**C** Sketch a box the overall size first, then build the object inside it.

5 Explain what is meant by 'Reflection'. (2 marks)

6 Explain what is meant by 'Drawing board in the sketching task'. (2 marks)

Check and reflect

Mark your answers with the answer sheet. Go back to the checklist on the site and re-rate each "I can" statement above. Which one still needs work?