

Name _____

Class _____

Date _____

By the end of this worksheet I can...

- ☐ explain the role of a specification in the design process
- ☐ write specific specification points from a brief and research

I DO

Worked example Read how a full-mark answer is built

1 Explain two reasons why a designer writes a specification. (2 marks)

Full-mark answer each ✓ is one mark

It sets clear limits, so the designer knows exactly what the product must do ✓. Ideas can be checked against it, so the designer can choose the one that best meets the client's needs ✓.

Why marks are not awarded

X "To help the designer" with no explanation

WE DO

Guided practice Use the starters and word bank to help you

A pupil is designing a desk tidy for the technical department to hold pens, a 300 mm ruler and a phone.

2 State two specification points for the desk tidy that are specific enough to judge ideas against. (2 marks)

Sentence starters

1. ...
2. ...

Word bank

upright · measurable · capacity · larger · footprint · screen · available · materials

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) Which is the strongest specification point?

- ☐ It must be safe for everyone to use ☐ It should look attractive to the target market ☐ It must be durable enough to last a long time ☐ It must fit a 40 mm diameter water bottle

b) Which two sources provide information for a specification?

- ☐ Brief and research ☐ Sketches and models ☐ Working drawing and cutting list ☐ Marketing and retail

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?
