

Name _____

Class _____

Date _____

By the end of this worksheet I can...

- ☐ name input and output devices and their uses
- ☐ explain the advantages and limitations of CAD
- ☐ explain the benefits of 3D printing without using "cheap" or "quick"

I DO

Worked example Read how a full-mark answer is built

1 State two input devices a graphic designer could use. (2 marks)

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

- ✓ Graphics tablet
- ✓ Scanner

WE DO

Guided practice Use the starters and word bank to help you

A magazine is published online as well as in print.

2 Describe three features that could be added to the online version, in context. (3 marks)

Sentence starters

One ... is ..., which means ...
Another ... is ..., so ...
Also, ... because ...

Word bank

hyperlink · assembles · straight · podcast ·
showing · animation · taking · reader

Tip: 3 marks = 3 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 an INPUT device?

☐ Plotter ☐ 3D printer ☐ Scanner ☐ Projector

b) Which answer would score for a benefit of 3D printing?

☐ It is always cheaper than other methods ☐ It is much quicker than injection moulding ☐ It is easy for anyone to use ☐ No moulds or tooling are needed

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

1. Graphics tablet

A Input device: draw with a stylus on a pad.

2. Plotter

B No tooling needed; complex shapes in one print; easy to change and reprint.

3. Benefit of 3D printing

C Output device for large-format technical drawings.

5 Explain what is meant by 'Limitation of CAD'. (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?
