

Testing your prototype

Test it against your specification, then ask two people to try it.



NAME _____ CLASS _____ DATE _____

LEARNING GOAL

Test a prototype fairly, then judge it using evidence.

SUCCESS CRITERIA

- ☐ I can test each specification point and record a result.
- ☐ I can use results and feedback to evaluate.

1 Run the test plan

PART T

14 marks

For each area, copy your criterion, test it, write the result and circle a verdict.

AREA	CRITERION: IT MUST ...	HOW I TESTED IT	RESULT	VERDICT
A AESTHETICS	_____	_____	_____	Met Partly Not met
C COST	_____	_____	_____	Met Partly Not met
C CUSTOMER	_____	_____	_____	Met Partly Not met
E ENVIRONMENT	_____	_____	_____	Met Partly Not met
S SAFETY	_____	_____	_____	Met Partly Not met
S SIZE MODEL	Fit a 300 × 200 mm space.	Measure with a steel rule.	280 × 180 mm	Met Partly Not met
F FUNCTION	_____	_____	_____	Met Partly Not met
M MATERIALS	_____	_____	_____	Met Partly Not met

2 Ask two users

PART U

6 marks

Let two people use your product. Ask each one all three questions. Write their role, not their name.

ASK EACH USER	Q1 What was easy or awkward to use?	Q2 Which part works best for you?	Q3 What one change would help you most?
1 USER Role: _____	_____	_____	_____
2 USER Role: _____	_____	_____	_____

Evaluate your prototype with evidence

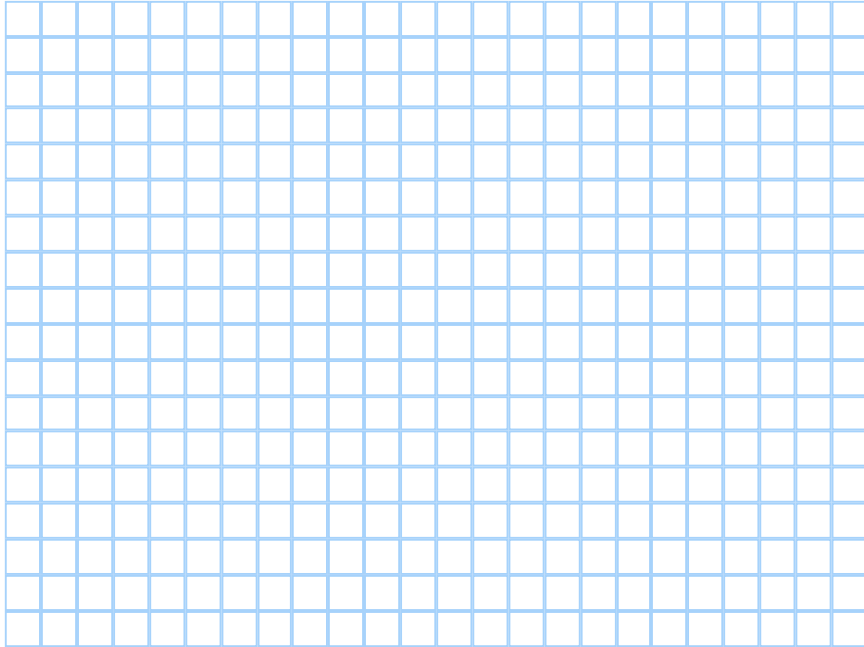


3 Annotate your prototype

6 marks

Sketch your finished product. Add three **strengths** (+) and three **improvements** (→) with leaders.

VIEW A: FINISHED PROTOTYPE (5 MM GRID)



+ STRENGTH (EXAMPLE)
Six pens stand upright

→ IMPROVE (EXAMPLE)
Add a finger notch

4 Rate each area

Colour in the stars it earns. Use your test results.

A Aesthetics	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
C Cost	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
C Customer	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
E Environment	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
S Safety	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
S Size	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
F Function	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
M Materials	☆ ☆ ☆ ☆ ☆ 1 2 3 4 5
1 not met at all · 3 partly met · 5 fully met	

5 Evaluation paragraph

PART E

8 marks

Write one paragraph. Use all four steps in order, with at least one number from your tests.

1 MET

My product met the ... criterion
because the test showed ...

2 NOT MET

It did not fully meet ... because ...

3 EVIDENCE

User feedback / my result of ... shows
that ...

4 IMPROVE

To improve it, I would ... so that ...