

Test, present and reflect

engineering

What you need: prototype model from Capstone Part 1 · Design Brief from Capstone Part 1 (with success criteria) · loads, water or other criterion-specific test kit from Capstone Part 1 · stopwatch or class clock · metre stick or tape measure · tablet or laptop for optional photo or chart

Words to use

Evidence · Process analysis · Nature of STEM

Our question

Does our model meet each success criterion on our Design Brief?

I predict...because...

Our test results

Success criterion	Trial 1	Trial 2

How many success criteria did each model meet? (in criteria)

Group	Criteria met

Draw a bar chart of our results



Lesson 36

Which bar is tallest? What design choice sits behind it?



What can a shorter bar still teach the class?



Could a shorter bar still be a strong design for a harder brief?



What the test showed, and did the model meet the brief?



One thing we would change next

