

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

Looking at the class chart on the board, what pattern do you see?

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



Lesson 36

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

