

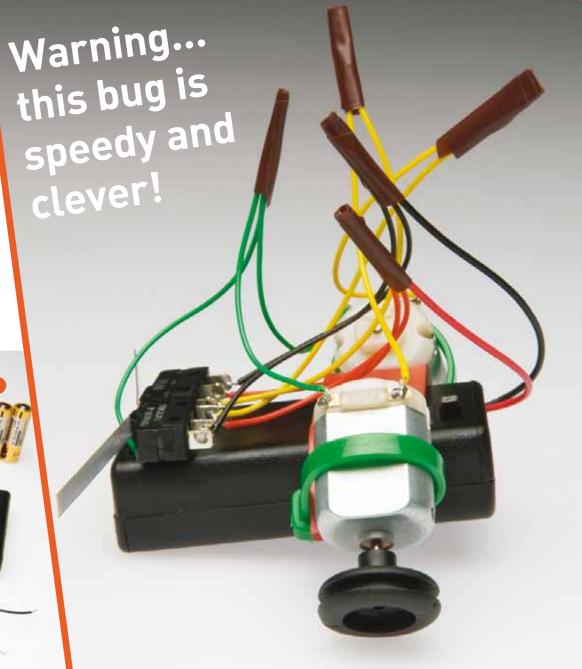
Robot Bug Watch how it moves

GRAB THIS STUFF...

- **A** 2 motors
- **B** 2 cable ties
- **O** Double-sided tape
- **D** Battery box
- **②** 2 pulleys
- **6** 2 grommets

- **G** 2 microswitches
- **G** Foamex wing
- **1** 2 AA batteries
- Electrical tape
- **&** Scissors

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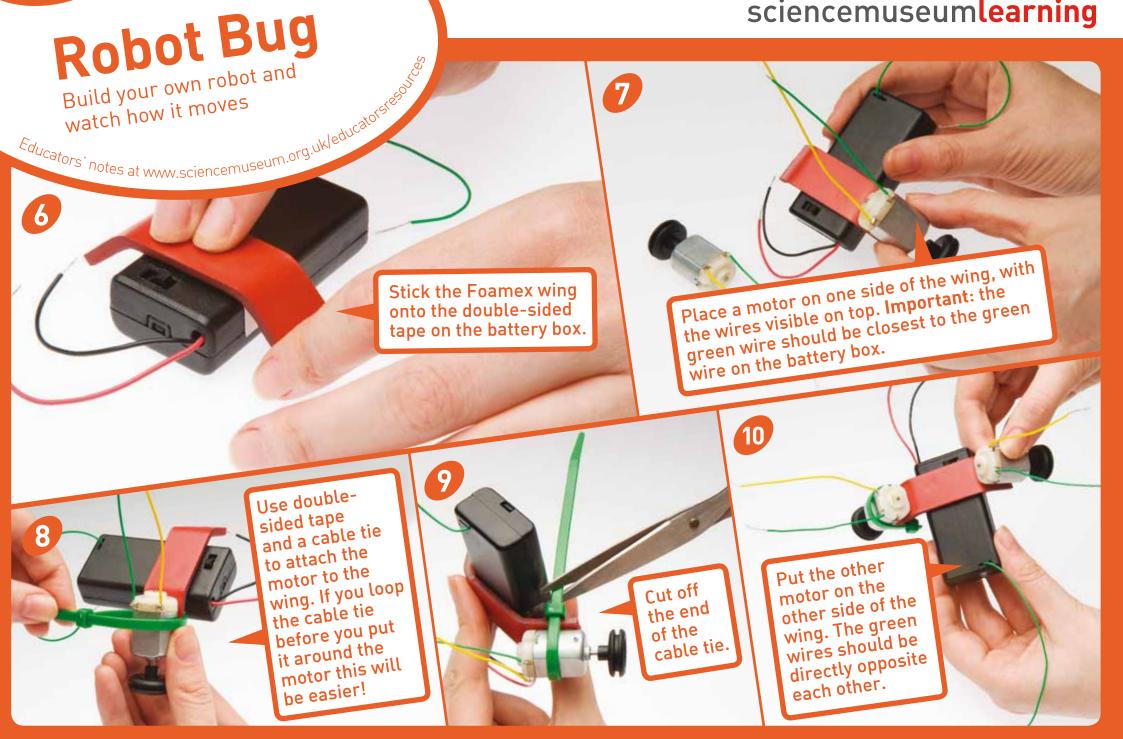






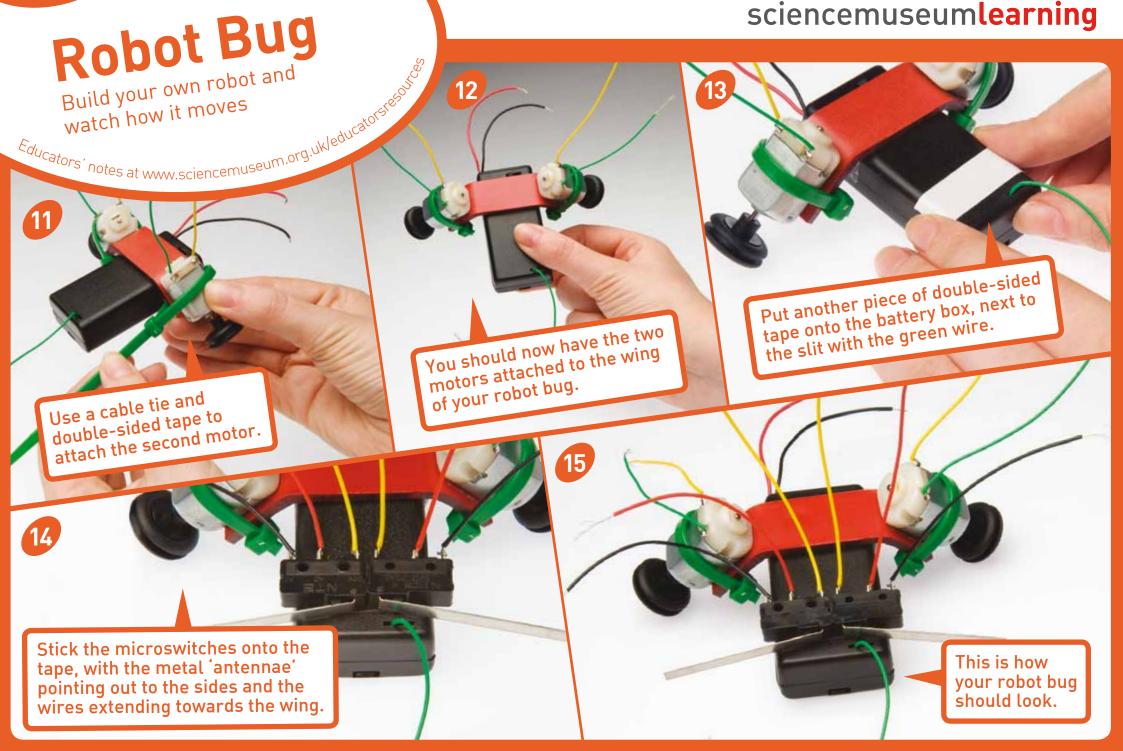


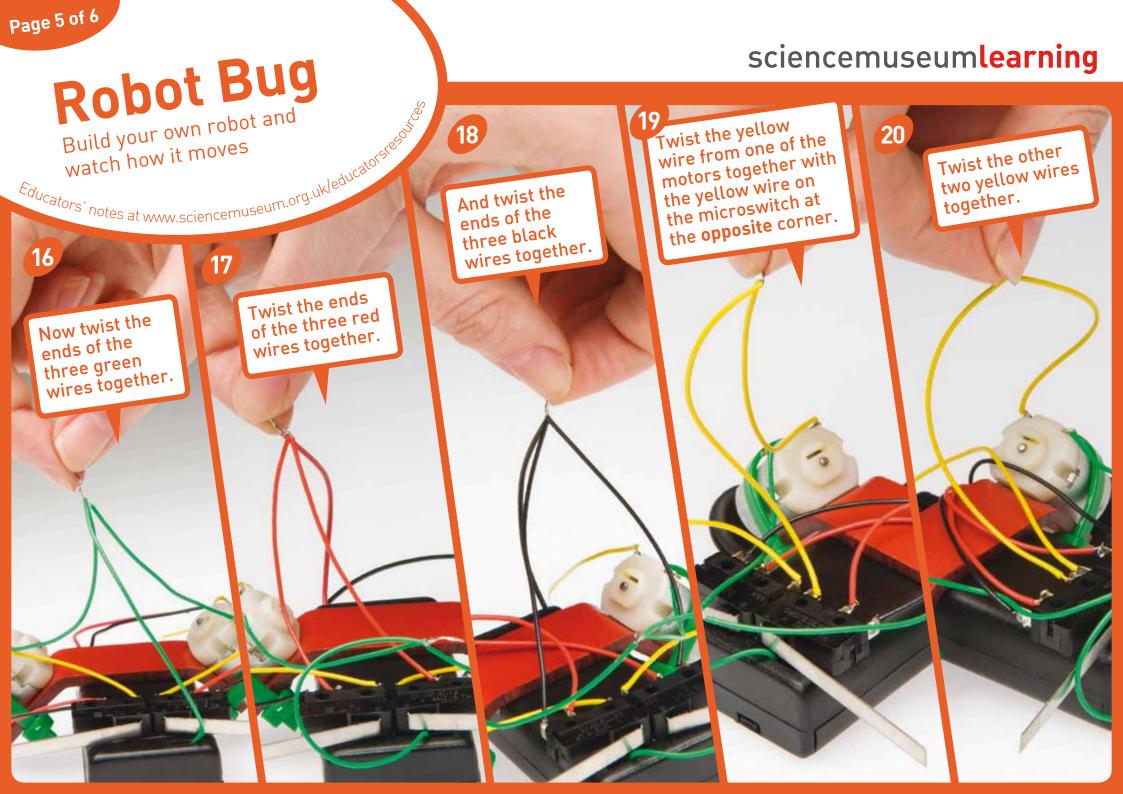
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Robot Bug Watch how it moves Educators' notes at www.sciencemuseum.org.uk/educators 1

Make sure that no groups of wires are touching, then switch off the battery box, put the batteries in and shut the box.



Test if your robot bug works by pushing each metal antenna in turn. The opposite wheel should spin in each case.

> Finally, tape up the twisted ends of all the wires so that they can't ever touch each other. Now turn your bug on and watch it go!

Turn on the battery box and make sure both wheels spin at the same time. If they work, turn the battery box off again.

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