

What can I measure? (OBSERVATIONS)

What can I see, hear, smell or feel? (OBSERVATION)

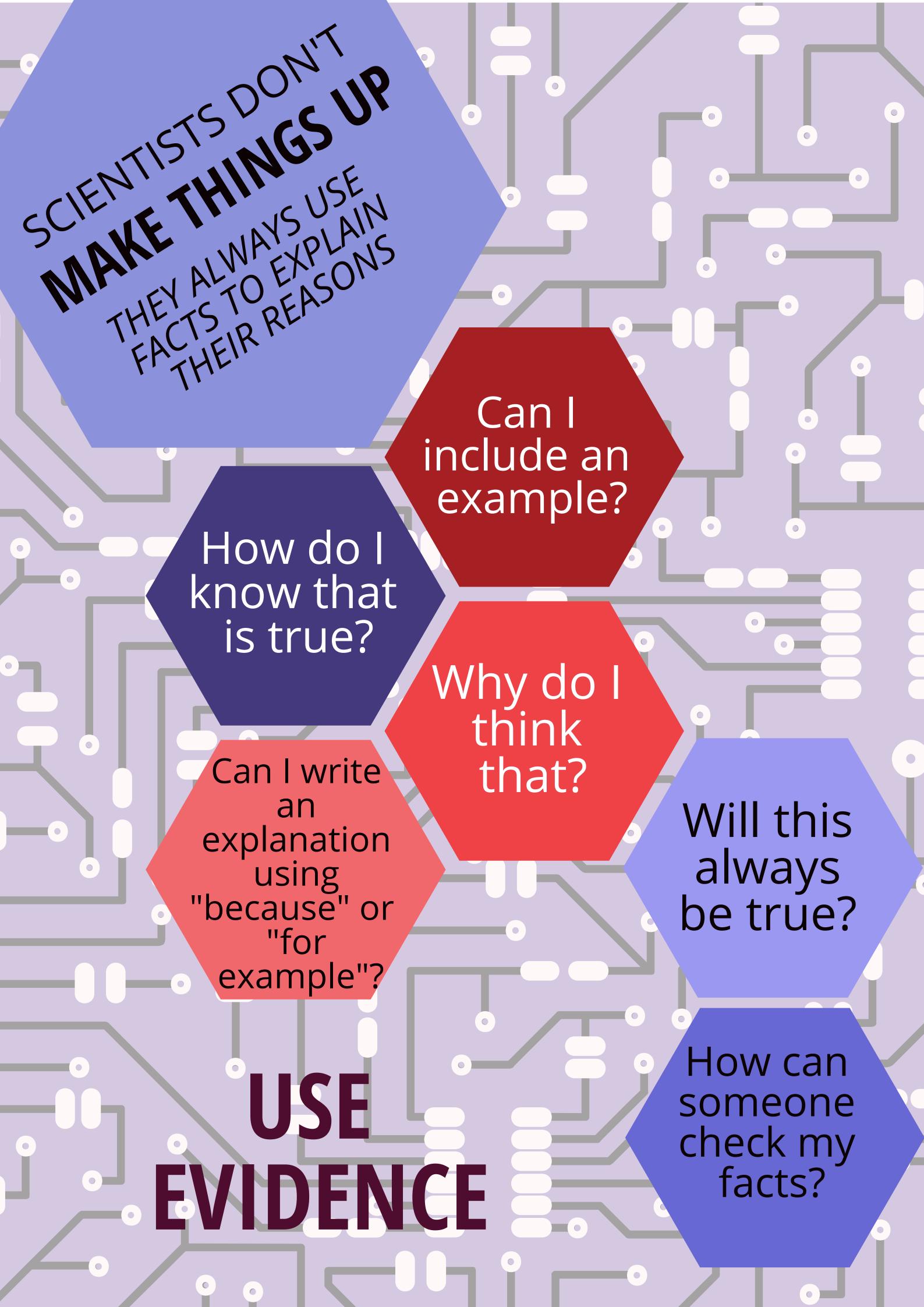
Why did this happen? (INFERENCE)

Can I change something (a variable) and test it again?

Can I think of more than one explanation? (INFERENCE)

GATHER AND INTERPRET DATA

Can I add more detail to my observations or draw a picture?



SCIENTISTS DON'THE CKING WITHOUT THE FACTS

Was it a fair test?

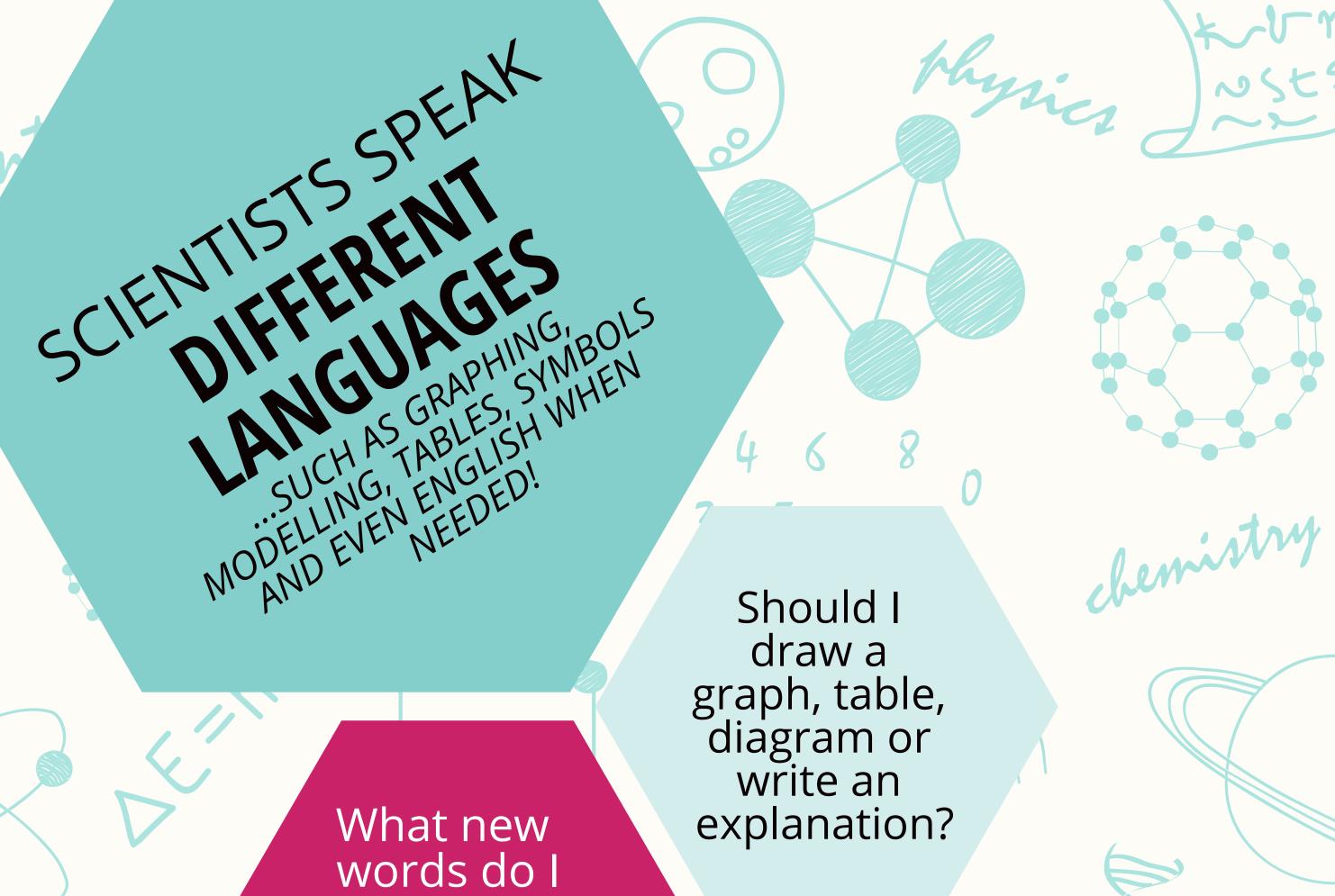
How accurately did I measure?

How sure am I of my results?

Did my results surprise me? Why? What problems did I have carrying out my method?

EXITEEVIDENCE

Do I need to repeat my experiment to check my results?



What new words do I need to find the meaning for?

Have I included enough detail and used formal language?

What does this diagram or graph tell me?

What information is not included? What do I still need to find out?

REPRESENTATIONS

What questions should I ask to find out more?

 $y = \log_b(x) iff_x = b^y$

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ENGAGE WITH SCIENCES

What can I do in my community to help?