

FIVE-STEP SCIENTIFIC METHOD

1 QUESTION

ASK A QUESTION

What interests you? Do you have a **QUESTION** about something? What can you test? The question can be a simple one such as, "What kind of paper makes the best paper airplane?"

2 HYPOTHESIS

DEVELOP A HYPOTHESIS

You have asked a **QUESTION** – now, can you *predict* what you think will happen when you test it? This type of "SMART GUESS" is what scientists call a **HYPOTHESIS**.

3 EXPERIMENT

CREATE YOUR EXPERIMENT.

Now it's time to use your imagination to create an **EXPERIMENT** that answers your question. Will you prove or disprove your **HYPOTHESIS**. There are no wrong answers – how cool is that?

4 RESULTS

COLLECT RESULTS.

Now we are ready for the good stuff—actually performing the **EXPERIMENT**! Gather your materials, perform your experiment and gather your **RESULTS**.

5 CONCLUSION

DRAW A CONCLUSION

You are almost done! The last step is to check your **HYPOTHESIS** against your **RESULTS** and finally, document your **CONCLUSION** for the Science Fair!