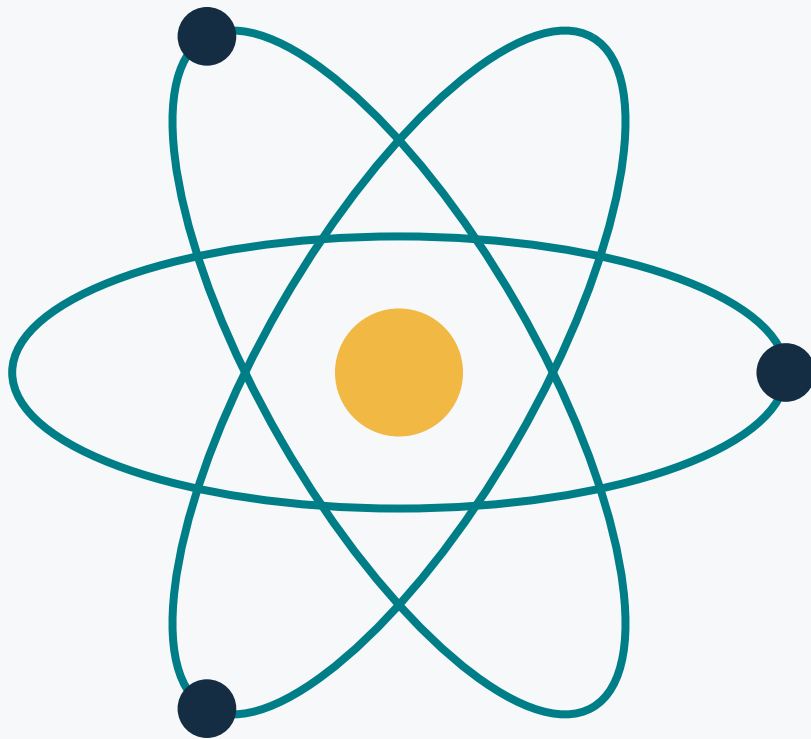


ASK. TEST. DISCOVER.

THE SCIENTIFIC PROCESS



**Ask questions.
Test ideas.
Use evidence.**

NEW EVIDENCE. NEW QUESTIONS.

Revisit your ideas as you learn.

THE SCIENTIFIC PROCESS

STEP 1

OBSERVE

01



Notice patterns and changes.
Use observations to spark ideas.

THINK LIKE A SCIENTIST

What do you notice?

Revisit earlier steps when new evidence changes your ideas.

STEP 2

QUESTION

02



Ask a clear question
that can be investigated.

THINK LIKE A SCIENTIST

What do you want to find out?

Revisit earlier steps when new evidence changes your ideas.

STEP 3

03

PREDICT



State what you think will happen.
Use science to explain why.

THINK LIKE A SCIENTIST

I predict... because...

Revisit earlier steps when new evidence changes your ideas.

STEP 4

04

PLAN



Change one variable. Measure another.
Keep other relevant variables the same.
Choose equipment and work safely.

THINK LIKE A SCIENTIST

What will you change, measure and control?

Revisit earlier steps when new evidence changes your ideas.

STEP 5

INVESTIGATE

05



Follow your method carefully.

Measure and record results with units.

Repeat measurements where appropriate.

THINK LIKE A SCIENTIST

Collect evidence safely and fairly.

Revisit earlier steps when new evidence changes your ideas.

ANALYSE



Organise your results.

Use tables, graphs and calculations.

Look for patterns and unusual results.

THINK LIKE A SCIENTIST

What does the evidence show?

Revisit earlier steps when new evidence changes your ideas.

STEP 7

CONCLUDE

07



Answer your original question.

Use results to support your answer.

Does the evidence support your prediction?

THINK LIKE A SCIENTIST

My results suggest... because...

Revisit earlier steps when new evidence changes your ideas.

STEP 8

08

EVALUATE



Identify strengths and limitations.

Suggest specific improvements.

Share findings and ask new questions.

THINK LIKE A SCIENTIST

How could you improve the investigation?

Revisit earlier steps when new evidence changes your ideas.

CONNECT YOUR DISPLAY

Cut out. Rotate. Arrange.

