

Scientific Method Field Card

Keep this beside your experiment. The path can loop - if evidence surprises you, revise and test again.

1

WONDER

Ask a testable question.

2

HYPOTHESIZE

Make a testable explanation or prediction.

3

DESIGN

Change one thing; decide what to measure; keep the rest fair.

4

TEST

Run the procedure carefully and repeat when practical.

5

EVIDENCE

Record numbers and observations - including odd results.

6

CONCLUDE

Explain what the evidence supports and what to test next.

FAIR TEST CHECK☐

One planned variable changes.

☐

One result is measured consistently.

☐

Important conditions stay the same.

☐

All results are recorded honestly.