

Science

Core-concept practice following the current chapter sequence, with explanations, worked examples, applications and answer guidance. Supplementary to the textbook.



13 practice units

78 tasks with answer guidance

Name / नाम: _____

Original selected-topic practice. Use alongside school lessons and the prescribed textbook. The contents define this book's scope.

UNIT 01 · PRACTISE · 1–4

Exploration: Entering the World of Secondary Science

1. What is a systematic measurement error?

2. Can repetition alone remove a fixed zero error?

3. Why label both graph axes with units?

4. What is extrapolation?

UNIT 01 · PRACTISE · 5–6

Exploration: Entering the World of Secondary Science

5. Why is extrapolation uncertain?

6. Give one way to improve a measurement record.

Explain one answer. Choose a question to revisit after a few days.

UNIT 01 · ANSWER GUIDANCE

Exploration: Entering the World of Secondary Science

1. A consistent bias associated with the instrument or method.
2. No. The bias must be identified and corrected.
3. It makes the measured quantities and their scales unambiguous.
4. Extending a relationship beyond the measured range.
5. The relationship may change outside the observed range.
6. Record instrument range/resolution, units, repeated readings, method and relevant conditions.

Teaching note

Ask for a prediction and a reason. Compare it with the evidence, then explain any revision. Revisit one question after two days.