

CLASS 9

SCIENCE

REVISION NOTES

Class 9 Science Chapter 1 Entering the World of Secondary Science – Revision Notes

Quick revision notes for Class 9 Science Chapter 1 (Entering the World of Secondary Science). These Class 9 Science Chapter 1 notes are ideal for quick revision just before exams.

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The Scientific Method

Observation → pattern/measurement → hypothesis → testing → model/theory.

Key Terms

Observation: gathering info via senses/instruments.

Hypothesis: testable proposed explanation based on limited evidence.

Model: simplified representation of a real system.

Law: regular pattern in nature, often mathematical (e.g. Newton's laws).

Theory: well-substantiated explanation from extensively tested hypotheses.

Principle: fundamental rule other ideas are built on.

Scientific Language and Units

Precise language + mathematics avoid ambiguity.

SI units standardise measurement globally.

Estimation: useful approximate reasoning without precise measurement.

One-Line Summary

Science progresses through observation, hypothesis, testing, and modelling, using precise language, standard units, and both laws (patterns) and theories (explanations) to describe the natural world.

See also: [Chapter 1](#)

Practice more: [Chapter 1](#)