

SCIENCE · CHAPTER 3

Atoms and Molecules

A 1-page guide for parents · 90-second read.

EXPECTED MARKS**7-8 out of 10 on this
chapter.****TIME TO MASTER****Approximately hrs****HELPLINE****70330 05444****WHAT THIS CHAPTER IS, IN PLAIN ENGLISH****5 QUESTIONS TO ASK YOUR CHILD**

- What is the difference between an atom and a molecule?
- What does 'one mole' mean? Give two examples.
- Can you write the formula for calcium carbonate by criss-cross?
- Which part of this chapter do you find hardest?
- What did your teacher emphasise about Avogadro's number?

WEAK-SPOT INDICATORS

- Cannot recall $N_A = 6.022 \times 10^{23}$ unprompted.
- Mixes up molecular mass with formula unit mass.
- Cannot compute molar mass of H_2SO_4 within 30 seconds.
- Writes 'NaCl₂' or 'CaO₂' due to criss-cross errors.
- Skips numerical questions on mole concept in mocks.

WHEN TO WORRY — AND WHAT TO DO

Under 50% on a chapter mock means the mole concept hasn't clicked — go back to the formula triangle, NOT more questions.

+91 70330 05444 · readyforboards.com · Boards prep that builds confidence, not anxiety.