

CHEMISTRY · CHAPTER 4**d- and f-Block Elements**

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

EXPECTED MARKS**7-8 out of 10 on this
chapter.****TIME TO MASTER****10-12 hrs****HELPLINE****70330 05444****WHAT THIS CHAPTER IS, IN PLAIN ENGLISH****5 QUESTIONS TO ASK YOUR CHILD**

- What is the main idea of this chapter?
- Why are most transition metal compounds coloured?
- Can you give one real-world example of these metals?
- Which part do you find hardest?
- What did your teacher emphasise in class?

WEAK-SPOT INDICATORS

- Cannot write the configuration of a transition metal ion.
- Counts all d-electrons instead of unpaired for magnetism.
- Writes shorter than 60 words for 5-mark Qs.
- Skips the balancing of $\text{KMnO}_4/\text{K}_2\text{Cr}_2\text{O}_7$ equations.
- Cannot define lanthanide contraction unprompted.

WHEN TO WORRY — AND WHAT TO DO

Under 50% on a chapter mock means the configuration basics need re-teaching, not just more practice.

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