

THE PHONE TEARDOWN

“You are holding Western Australia. You just don't know it yet.”



YOUR ROLE TODAY: MARKET ANALYST

Mining companies pay analysts to answer one question: what will people want next? Because what people want decides what gets made — and what gets made decides what gets mined. Today the market being analysed is this classroom.

■ THE AUTOPSY — LOCK YOUR NUMBER FIRST

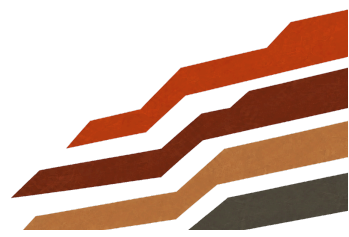
One phone, fully torn down, every part on the table. Before the reveal: how many different **mined materials** do you think are inside one phone? Lock it in.

My number: _____ • After the reveal, the truth: _____ • I was ☐ close ☐ way under ☐ way over

■ THE FORENSIC TABLE — FILL IT DURING THE TOUR

PHONE PART	MINED MATERIAL(S) INSIDE IT	WA REGION IT CAN COME FROM (UNIT 1 MEMORY!)
Battery		
Casing / frame		
Circuit board		
Screen glass		
Chip (the brain)		

Not every material has a WA region — write “various” where the tour says so. Accuracy beats guessing.



■ THE MARKET SPEAKS — THE SURVEY

The market being surveyed today is this class. Answer honestly — real analysts need real data.

- 1 **Vote once:** which matters MOST in your next phone? Circle exactly one: **battery life · camera · screen quality · speed · price · brand & look**
- 2 **My one-line reason:** _____
- 3 **Collect the class data** the way your teacher runs it — hands up, sticky dots, or a live online poll — and tally it below.

BATTERY LIFE	CAMERA	SCREEN	SPEED	PRICE	BRAND & LOOK

■ THE ANALYST'S INTERPRETATION — WITH YOUR TEAM

Pretend this class is the world market. Follow the demand backwards to the ground:

If this market gets what it wants, the material mined MORE next year is _____ because:

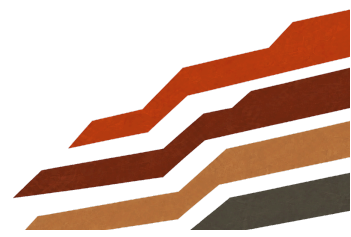
And a material that might be mined LESS — or stay flat — is _____ because:

THE MINING FORECAST — YOUR TEAM'S ONE-LINER

Write it like a headline an investor would read: *"This market says..."*

Analyst's honesty check: our market's sample size is _____ students. One reason to be careful trusting a market this small:

This is the real thing, not a game: when the world decided it wanted electric cars and bigger batteries, lithium demand surged — and the South West's Greenbushes mine became one of the most important lithium sources on Earth. Consumer taste reached 300 metres underground.



■ CHART THE MARKET — SKETCH YOUR DATA

Real analysts chart before they forecast. Turn the class tally into a bar chart — one bar per option, heights to match your numbers. Label the tallest bar with its winning material.

battery	camera	screen	speed	price	brand

■ EXIT TICKET — THE ANALYST SIGNS OFF

1. From memory — one phone part, the mined material inside it, and the WA region it can come from:

2. The curriculum question, in your own words: how could YOUR next phone choice change what gets mined in WA?

3. Seed for next lesson: your phone's lithium started underground in the South West. List every step you think happened between the rock and your pocket — number them. (Next lesson we find out how close you got.)

SKILLS I USED TODAY — TICK WHAT'S TRUE

☐ surveyed a real market · ☐ tallied and read data · ☐ followed demand back to the ground · ☐ connected Unit 1's map to my pocket · ☐ wrote a forecast an investor could read

