

W7L1 | Repair the knowledge map

Monday | 09:30–10:10 | Introduce | Supported route

Name: _____ Date: _____

Core first. Your teacher will select the questions that fit this lesson. Write, speak, point or dictate your own words. Keep your first attempt so you can improve it.

Your scaffold: Choose two ideas. Link them with “because” or “whereas”. For a cell adaptation, name the feature and what it helps the cell do.

Work together

Teach the three cell adaptations below before using them in the map.

Cell	Feature	Function
Sperm	Tail; many mitochondria	Movement towards the egg; energy for movement
Egg	Nutrient-rich cytoplasm	Supports early development after fertilisation
Ciliated epithelial cell	Beating cilia	Moves mucus and trapped particles along the airway

1. Explain one of the cell adaptations using feature → function.

2. Correct: “A larger image always has more resolution.”

W7L1 | Continue and improve

Supported route | Use after the core questions when directed

3. Write three reasoned links between magnification, units, osmosis, percentage change, active transport and respiration.

Optional transfer

Choose a review priority and quote one piece of your work as evidence.

Build your response: Point to the evidence. Name the science idea. Link them using “because”. Ask for a visual cue before asking for a worked answer.

Improve the same work

One correction I made, and why:

My request for next time: _____