

W7L1 | Repair the knowledge map

Monday | 09:30–10:10 | Introduce | Editable pupil sheet

Name: _____ Date: _____

Core first. Write, speak, point or dictate your own words. Keep the first attempt so you can improve it.

Optional support: 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

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.

Depth: name an assumption or limit, then say what evidence would strengthen your answer.

Improve the same work

One correction I made, and why:

My request for next time: _____