

Cell Transport: Diffusion, Osmosis, and Active Transport Resource

Machine-readable answers and a teacher rubric are included in the pack.

Question 1

Explain Cell Transport: Diffusion, Osmosis, and Active Transport in two or three accurate sentences for a younger learner.

Answer: A complete answer names the central idea, uses accurate vocabulary, and avoids unsupported claims.

Why: This checks conceptual clarity and communication quality.

Question 2

Apply Cell Transport: Diffusion, Osmosis, and Active Transport to a new real-world or classroom example. Explain your reasoning.

Answer: A strong response connects the example directly to the core idea and justifies the connection.

Why: This checks transfer beyond recall.

Question 3

Describe one common misconception about Cell Transport: Diffusion, Osmosis, and Active Transport and correct it.

Answer: A strong answer identifies the misconception, explains why it is incomplete or incorrect, and gives a corrected version.

Why: This checks depth of understanding.

Rubric

Criteria	Excellent	Developing
Conceptual accuracy	Uses accurate vocabulary and explains the core idea clearly.	Names the topic but leaves the explanation vague or partly inaccurate.
Evidence and reasoning	Supports claims with relevant examples or reasoning.	Gives an answer but little support.
Communication	Organizes ideas clearly for the target learner.	Ideas are present but hard to follow.

Assessment evidence is included as PDF and JSON for teacher review or LMS workflows.