Biology Study Template

Title

Clearly state the concept

Title:

Notes

Summarise key biological ideas linked to the diagram:

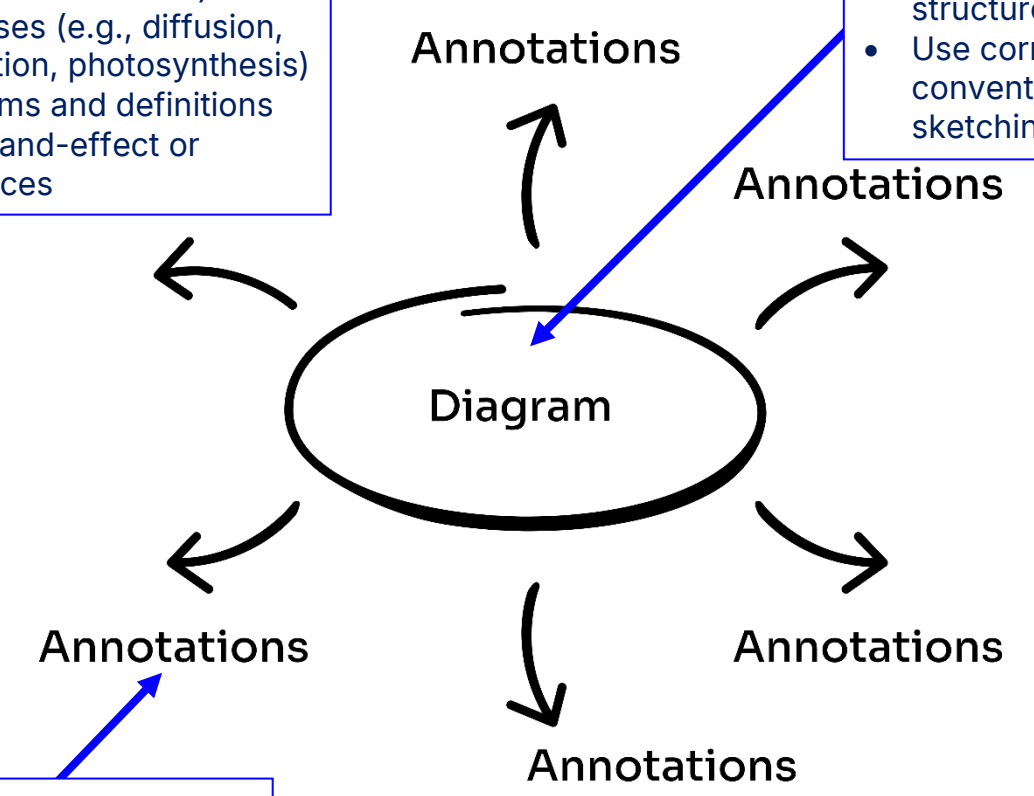
- Relationships (e.g., structure → function)
- Processes (e.g., diffusion, respiration, photosynthesis)
- Key terms and definitions
- Cause-and-effect or sequences

Notes

Diagram

Draw a large, clear biological diagram:

- Neat and proportional
- Include all key structures
- Use correct conventions (e.g., no sketching)



Annotations

Label and explain features
Use arrows to link labels

- Include function (not just names)
- Add key details:
  - adaptations
  - processes
  - movement

Summary

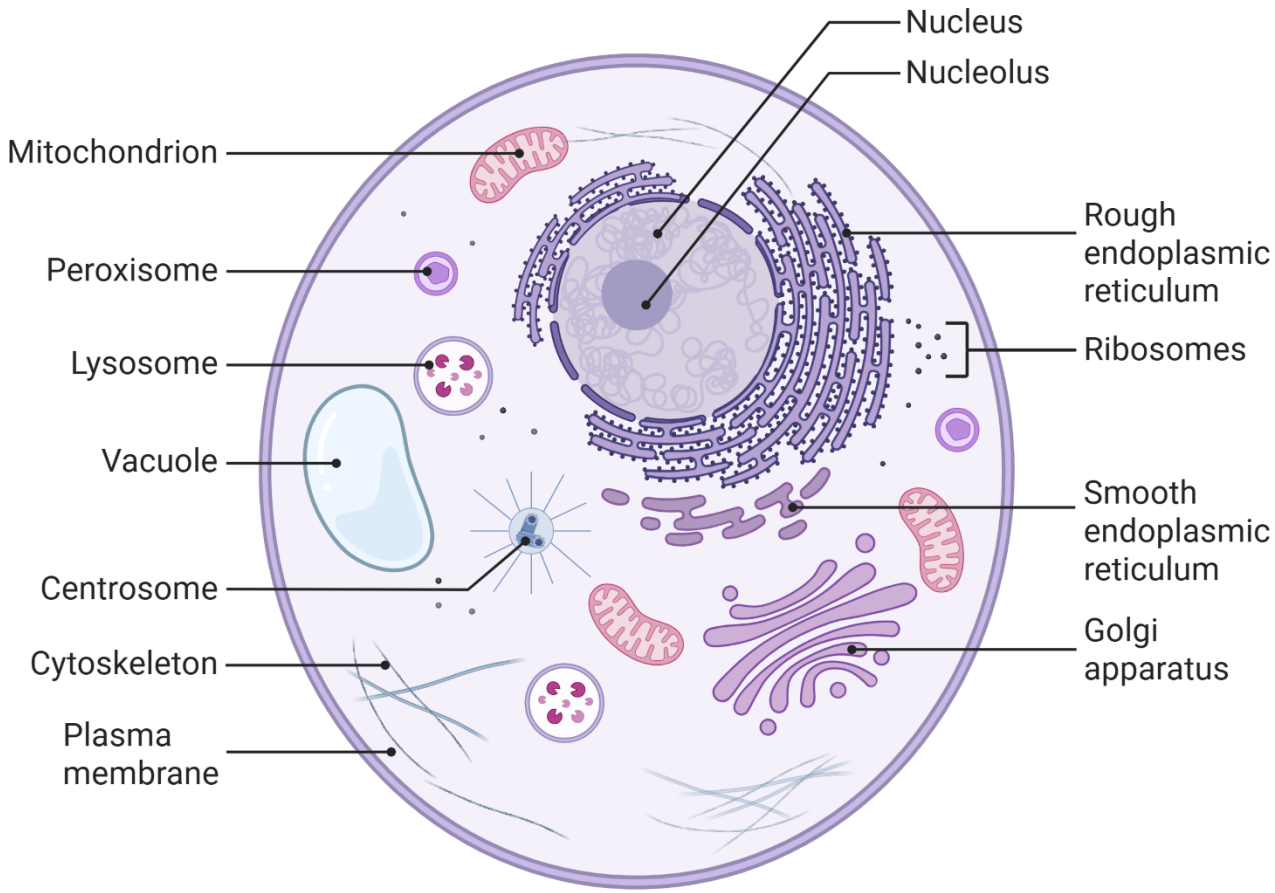
Summary

Write 1–2 sentences explaining how the structure or process works and why it is important

CRICOS 00103D | RTO 4909 | TEQSA PRV12151 (Aust)

Title: Cell structure and function (Eukaryote)

- No cell wall or chloroplasts; usually irregular in shape.
- Nucleus – contains DNA; controls cell activities.
- Cell membrane – selectively permeable; controls movement in/out.
- Cytoplasm – site of metabolic reactions.
- Mitochondria – aerobic respiration; ATP production.
- Ribosomes – protein synthesis.
- RER – protein transport.
- SER- lipid synthesis.
- Golgi apparatus – modifies and packages proteins.
- Lysosomes – digest waste and old organelles.



Animal cells contain specialised organelles that work together to carry out life processes such as energy production, protein synthesis, and waste removal.

CRICOS 00103D | RTO 4909 | TEQSA PRV12151 (Aust)