



Cell Cycle

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📁 Class	Cells to Systems

▼ Cell cycle

- Instructions for producing cell parts
- DNA must be replicated
- Every new cell has identical copy of DNA
- Mechanisms in place to ensure copies are identical

▼ Interphase

- Cell grows larger
- more organelles are produced
- "Checkpoint" is established
- Ensures no damage is present

▼ S Phase

- Rapid DNA replication and duplication of the centrosome for DNA separation

▼ G2

- Cell increases in size
- reorganises cell contents
- checks for DNA structure

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