GradeFuel

FREE GCSE BIOLOGY REVISION CHECKLIST

Tick each item as you revise. Use the confidence boxes to spot what is secure and what needs another pass.

Cell Biology

Done	Revision point	Confidence
[ ]	Cell structure: animal, plant and bacterial cells	[ ] [ ] [ ]
[ ]	Microscopy, magnification and scale	[ ] [ ] [ ]
[ ]	Cell differentiation and specialised cells	[ ] [ ] [ ]
[ ]	Transport in cells: diffusion, osmosis and active transport	[ ] [ ] [ ]
[ ]	Cell division and the cell cycle	[ ] [ ] [ ]

Organisation

Done	Revision point	Confidence
[ ]	Levels of organisation: cells, tissues, organs and systems	[ ] [ ] [ ]
[ ]	The digestive system and enzymes	[ ] [ ] [ ]
[ ]	The heart, blood vessels and blood	[ ] [ ] [ ]
[ ]	Coronary heart disease and health	[ ] [ ] [ ]
[ ]	Plant tissues and transport systems	[ ] [ ] [ ]

Confidence key: [ ] Needs work [ ] Nearly there [ ] Exam ready

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Infection & Response

Done	Revision point	Confidence
[ ]	Communicable diseases and pathogens	[ ] [ ] [ ]
[ ]	Human defence systems	[ ] [ ] [ ]
[ ]	Vaccination, antibiotics and painkillers	[ ] [ ] [ ]
[ ]	Drug discovery and development	[ ] [ ] [ ]
[ ]	Monoclonal antibodies (where required by your course)	[ ] [ ] [ ]

Bioenergetics

Done	Revision point	Confidence
[ ]	Photosynthesis and limiting factors	[ ] [ ] [ ]
[ ]	Uses of glucose in plants	[ ] [ ] [ ]
[ ]	Aerobic and anaerobic respiration	[ ] [ ] [ ]
[ ]	Response to exercise and metabolism	[ ] [ ] [ ]

Homeostasis & Response

Done	Revision point	Confidence
[ ]	The nervous system and reflexes	[ ] [ ] [ ]
[ ]	Hormonal coordination and the endocrine system	[ ] [ ] [ ]
[ ]	Control of blood glucose	[ ] [ ] [ ]
[ ]	Human reproduction and hormones	[ ] [ ] [ ]
[ ]	Plant hormones and responses	[ ] [ ] [ ]

Confidence key: [ ] Needs work [ ] Nearly there [ ] Exam ready

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Inheritance, Variation & Evolution

Done	Revision point	Confidence
[ ]	DNA, genes, chromosomes and the genome	[ ] [ ] [ ]
[ ]	Genetic inheritance and genetic disorders	[ ] [ ] [ ]
[ ]	Variation, evolution and natural selection	[ ] [ ] [ ]
[ ]	Selective breeding and genetic engineering	[ ] [ ] [ ]
[ ]	Classification and evidence for evolution	[ ] [ ] [ ]

Ecology

Done	Revision point	Confidence
[ ]	Communities, ecosystems and interdependence	[ ] [ ] [ ]
[ ]	Abiotic and biotic factors	[ ] [ ] [ ]
[ ]	Adaptations and competition	[ ] [ ] [ ]
[ ]	Biodiversity and human impacts	[ ] [ ] [ ]
[ ]	Food chains, biomass and material cycles	[ ] [ ] [ ]

Confidence key: [ ] Needs work [ ] Nearly there [ ] Exam ready