

GCSE Science Keywords & Definitions

A Student-Friendly Revision Poster for Biology, Chemistry & Physics

GCSE Biology

Cell	Smallest unit of life
Diffusion	Movement from high to low concentration
Osmosis	Movement of water through a partially permeable membrane
Active Transport	Movement against concentration gradient using energy
Gene	Section of DNA that codes for a protein
Ecosystem	Organisms interacting with their environment

GCSE Chemistry

Atom	Smallest particle of an element
Element	Substance made of one type of atom
Compound	Different elements chemically bonded
Acid	Produces hydrogen ions (H ⁺) in solution
Alkali	A soluble base
Catalyst	Speeds up reactions without being used up

GCSE Physics

Force	A push or pull
Mass	Amount of matter in an object
Weight	Force acting on a mass due to gravity
Energy	Ability to do work
Power	Energy transferred per second
Current	Flow of electric charge
Voltage	Energy transferred per charge

Study Tip: Learn definitions word-for-word and use them in exam answers to gain full marks.