



SCIENCE

YEAR 7 & 8

	Term 1	Term 2	Term 3
Year 7	Cells and organisation States and mixtures Electricity	Diet and digestion Chemical reactions Forces and motion	Plants Acids and alkalis Energy
Year 8	Body and exercise Atomic structure and PT Space	Inheritance Metals and non-metals Waves	Ecosystems Earth and atmosphere Magnetism



RESOURCES

Kerboodle – www.kerboodle.com

BBC Bitesize - <https://www.bbc.com/bitesize/subjects/zng4d2p>

The oak academy - <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-3>

Quizzes - <https://www.educationquizzes.com/ks3/science/>

TED Ed - <https://ed.ted.com/>

YouTube channels:

<https://www.youtube.com/playlist?list=PLyf3QQ9ddzgngBzZiwWcEBuRoKUYaXS6N>

<https://www.youtube.com/channel/UC4KN50fal7f45fx2DqG7ttg/playlists>

<https://www.youtube.com/user/virtualschooluk/playlists>





SCIENCE

YEAR 9, 10, & 11

	Term 1	Term 2	Term 3
Year 9	Cell biology Atomic structure Energy	Organisation Chemical changes Energy changes Electricity	Biology revision Chemistry revision Physics revision
Year 10	Organisation Bioenergetics Energy changes Chemical changes Particle model Atomic structure	Infection and response Quantitative chemistry Bonding and structure Atomic structure Revision	Homeostasis and response Using resources Waves
Year 11	Inheritance, variation and evolution Chemical analysis Organic chemistry Forces	Ecology Homeostasis and response Chemistry of the atmosphere Using resources Magnetism and electromagnetism Triple only: Space and waves	Biology revision Chemistry revision Physics revision

RESOURCES

Kerboodle – www.kerboodle.com

BBC Bitesize - <https://www.bbc.co.uk/bitesize/subjects/zrkw2hv>

The oak academy - <https://classroom.thenational.academy/subjects-by-key-stage/key-stage-4>

AQA - <https://www.aqa.org.uk/subjects/science/gcse>



SCIENCE - A LEVEL

A LEVEL SCIENCE SUBJECTS

Biology	Term 1	Term 2	Term 3
Year 12	Biological Molecules Cells	Organisms and Substance Exchange	Genetics, Variation and Relationships
Year 13	Energy Transfers Organism Responses to Environment	Genetics – Gene Expression Populations, Evolution and Ecosystems	Exam Revision

Chemistry	Term 1	Term 2	Term 3
Year 12	Atomic Structure Amount of Substance Bonding	Energetics Kinetics Chemical Equilibria Redox	Halogens Periodicity Organic Chemistry Organic Analysis
Year 13	Carbonyl chemistry Thermodynamics Rates Transition Metals Aromatic Chemistry Amines	Equilibria Acids and Bases Electrode Potentials Properties of Period 3 Polymers and Amino Acids Organic Synthesis	Exam Revision

Physics	Term 1	Term 2	Term 3
Year 12	Measurements Particles and Radiation	Waves Mechanics	Electricity
Year 13	Further Mechanics and Thermal Physics Fields	Nuclear Physics Turning Points	Exam Revision

The following websites may offer additional support to students:

Kerboodle – www.kerboodle.com

AQA - <https://www.aqa.org.uk/subjects/science/as-and-a-level>

Online Revision Resources (all sciences) - <https://www.physicsandmathstutor.com/>