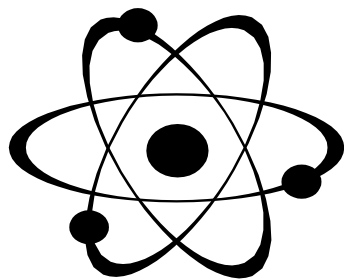


This page forms 1 of the 3 subjects in Triple Science



Qualification Name	Chemistry
Exam Board	AQA
Type (e.g. GCSE/BTEC Certificate)	GCSE
Level (1,2 or both)	Level 2
GLH (Guided Learning Hours)	
Course Content Outline (What Will I study?)	Fundamental ideas in chemistry/metals and their uses/crude oil and fuels/ changes in the earth's atmosphere/atomic structure/rates of reaction/acids, bases and salts/electrolysis/water/alcohols/the production of ammonia/ analysis
Typical Lesson/Homework Activities. (How will I study?)	Subject content is matched by practical investigations in class time that will greatly enhance your key skills and 'how science works' skills such as; planning, recording, evaluating and analysing. This course will stretch the more able student.
Success Criteria (How will I be assessed?)	The new GCSE consists of examination only; there is no controlled assessment. 2 Exams, each 1 hour 45 minutes long. Both are equally weighted at 50%. Paper 1 Topics 1–5: atomic structure and the periodic table; bonding, structure, and the properties of matter; quantitative chemistry, chemical changes; and energy changes. Paper 2 Topics 6–10: The rate and extent of chemical change; organic chemistry; chemical analysis, chemistry of the atmosphere; and using resources
Succession Paths Post-16 (What can I do with this qualification?)	AS and A2 level sciences at colleges and sixth forms. This could then lead you onto study for a degree at university. Careers could include: research science, medicine, sports science, all kinds of body therapies, chemical engineering, pharmaceuticals and teaching. The possibilities are endless.



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Qualification Name	Physics
Exam Board	AQA
Type (e.g. GCSE/BTEC Certificate)	GCSE
Level (1,2 or both)	Level 2
GLH (Guided Learning Hours)	
Course Content Outline (What Will I study?)	The transfer of energy by heating processes / Energy and efficiency / The usefulness of electrical appliances / Ways to generate electricity / Waves for communication / Forces and their effects / Kinetic energy of speeding up and slowing down / Currents in electrical circuits / mains electricity / Radioactivity / Nuclear fission and fusion / Medical applications of physics / using physics to make things work / Keeping things moving
Typical Lesson/Homework Activities. (How will I study?)	Subject content is matched by practical investigations in class time that will greatly enhance your key skills and 'how science works' skills like; planning, recording, evaluating and analysing. This course will stretch the more able student.
Success Criteria (How will I be assessed?)	The new GCSE consists of examination only, there is no controlled assessment. 2 Exams, each 1 hour 45 minutes long. Both are equally weighted at 50%. Paper 1 Topics 1-4: Energy; Electricity; Particle model of matter; and Atomic structure. Paper 2 Topics 5-8: Forces; Waves; Magnetism and electromagnetism; and Space physics
Succession Paths Post-16 (What can I do with this qualification?)	AS and A2 level sciences at colleges and sixth forms. This could then lead you onto study for a degree at university. Careers could include: research science, medicine, sports science, all kinds of body therapies, electrical engineering and teaching



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Qualification Name	Biology
Exam Board	AQA
Type (e.g. GCSE/BTEC Certificate)	GCSE
Level (1,2 or both)	Level 2
GLH (Guided Learning Hours)	
Course Content Outline (What Will I study?)	How to keep healthy / Photosynthesis / Organisms / Nerves and hormones / Proteins & their functions / The use and abuse of drugs / Homeostasis / Interdependence and adaptations Energy in food chains / Humans and their environment / Waste materials from plants and animals / Genetic variation and its control / Evolution
Typical Lesson/Homework Activities. (How will I study?)	Subject content is matched by practical investigations in class time that will greatly enhance your key skills and 'how science works' skills like; planning, recording, evaluating and analysing. This course will stretch the more able student.
Success Criteria (How will I be assessed?)	The new GCSE consists of examination only, there is no controlled assessment. 2 Exams, each 1 hour 45 minutes long. Both are equally weighted at 50%. Paper 1 Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics. Paper 2 Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology
Succession Paths Post-16 (What can I do with this qualification?)	AS and A2 level sciences at colleges and sixth forms. This could then lead you onto study for a degree at university. Careers could include: research science, medicine, sports science, all kinds of body therapies and teaching.