Shipston High:Science Curriculum

Year 11

Organic chemistry
Chem analysis, Atmosphere, Using resources
Inheritance
Forces
Nov: MOCKS Paper 1 Biology, Chemistry and Physics
March: Mocks 2 Paper 2, Biology, chemistry and physics
Magnets
Ecology
Rates of reaction

AQA
GCSE Examination season:
Biology Triple
Chemistry GCSE
Physics set 1

Combined Science: Trilogy
Double GCSE sets 2-5

Year 10

Particle model Of Matter
Organisation
Human biology
Chemical Bon
waves
Energy changes
Homeostasis
Bioenergetics
Atomic structure
radiation
Chemical changes
Infection and response
Quantitative chem
Electricity
Cells
Energy

Year 9

Atomic Structure and Bonding
END OF KS3
Christmas
GCSE bridge-Physics
Microorganisms
GCSE bridge-Biology
GCSE bridge Chemistry
Electricity and magnetism 2 – Magnets and fields
Genes 2 – DNA, evolution and extinction
Earth 2 – Climate and Earth resources
Ecosystems 2 – Respiration and Photosynthesis
Waves 2 – Light
Reactions 2 – Chemical energy and types of reactions
Energy 2 – Energy transfers and renewable electricity
Forces 2 – Speed, weight and pressure
Matter 2 – Periodic table and Elements
Organisms 2 – Breathing, digestion and the skeleton

Year 8

Electricity and magnetism 1 – Circuits and static charge
Earth 1 - Universe and structure of the Earth
Genes 1 – Variation and human development
Waves 1 – Sound
Reactions 1 – Elements and compounds and acids and alkalis
Ecosystems 1 – Interdependence and Plant reproduction

Year 7

Energy 1 – Heat transfer, insulation and work done
Forces 1 – Types of forces and Hooke's Law
Matter 1 – Particle model and Separating mixtures
Organisms 1 Cells and microscopes