



Wellfield High School

'Inspire - Challenge - Achieve - Nurture'

Science

Curriculum Year Plans



YEAR PLAN	Year 7		
TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn	Introduction to Science Biology: Cells, tissues and organs Chemistry: Particles and separations Physics: Energy	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.
Spring	Biology: Reproduction Chemistry: Chemical reactions Physics: Forces	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.
Summer	Biology: Interdependence Chemistry: Earth and Space Physics: Electricity and magnetism	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.

YEAR PLAN	Year 8
------------------	---------------

TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn 1	Biology: Biological processes 1 – digestion and breathing Chemistry: Matter Physics: Waves – light and sound	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.
Spring 1	Biology: Biological processes 2 – photosynthesis and respiration Chemistry: Chemical reactions Physics: Contact forces	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.
Summer 1	Biology: Inheritance Chemistry: Earth's resources Physics: Energy	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks.

TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn	Biology: B1 Cell Biology Chemistry: C1 Atomic structure C2 Bonding Physics: P1 Energy P2 Particle model of matter	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Spring	Biology: B2 Organisation Chemistry: C3 – Quantitative chemistry C4 – Chemical changes Physics: P3 Atomic structure and radioactivity P4 Electricity	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Summer	Biology: B3 Infection and response B4 Bioenergetics Chemistry: C5 – Energy changes C6 – The rate and extent of chemical change Physics: P5 Forces	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.

TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn	Biology: B7 – Ecology Chemistry: C3 – Quantitative chemistry C4 – Chemical changes Physics: P5 – Forces	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Spring	Biology: B5 – Homeostasis & Response Chemistry: C5 – Energy changes C6 – The rate and extent of chemical change Physics: P6 – Waves	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Summer	Biology: B6 – Inheritance, variation and evolution Chemistry: C7 – Organic chemistry C8 – Chemical analysis C9 – Chemistry of the atmosphere Physics: P7 – Magnetism and electromagnetism	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.

TERM	UNIT	ASSESSMENT TYPE	HOMEWORK OPPORTUNITIES INCLUDE:
Autumn	Biology: B7 – Ecology B5 – Homeostasis and response Chemistry: C5 – Energy changes C6 – The rate and extent of chemical change C7 – Organic Chemistry C8 – Chemical analysis Physics: P5 – Forces P6 – Waves	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Spring	Biology: B6 – Inheritance, variation and evolution Chemistry: C9 – Chemistry of the atmosphere C10 – Using Resources Physics: P7 – Magnetism and Electromagnetism	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.
Summer	Biology: Revision for GCSE exams Chemistry: Revision for GCSE exams Physics: Revision for GCSE exams	Written End of Topic Test. Online Educake test scores. Formative teacher assessment.	Educake tests. Research tasks. Revision tasks. Past exam questions.