NB Please be aware that some year 11 groups are taught by 2 teachers and some by 1, therefore the timings will be slightly different. See additional teacher maps for breakdown!

SCIENCE Year 11 Curriculum Map 2026/27

Week Commencing	Lesson topic	HAIL	Assessment
Staff INSET 01/09 Students Return 02/09	BBL8 Transport in plant to complete(5 hours) Lesson 1 – Active transport Lesson 2 – Factors affecting the rate of photosynthesis Lesson 3 – RP Rate of photosynthesis	Cells	
07/09/2026	Lesson 4 – Limiting factors and inverse square law (HT) Lesson 5- Uses of glucose from plants BOM15 Structure, Materials and their properties(9 hours) Lesson 1 – Pre learning Lesson 2 – Properties of ionic compounds Lesson 3 – Properties of small molecules	Transport	
14/09/2026	Lesson 4 – Polymers Lesson 5 – Giant covalent structures Lesson 6 – Diamond and graphite Lesson 7 – Graphene and fullerenes Lesson 8 – Properties of metals and alloys	Atoms, Elements and Electronic configuration	
21/09/2026	Lesson 9 – LCP OEOO14 Energy and electricity (13 hours) Lesson 1 – Pre learning Lesson 2 -Energy stores and systems Lesson 3 – Energy transfers Lesson 4 – Insulation and energy transfer	Bonding	LCP – BBL8 and BOM15
28/09/2026	Lesson 5 – Everyday appliances Lesson 6 - Efficiency Lesson 7 - Mains electricity Lesson 8 – Electricity and power Lesson 9 – RP IV characteristics	Electricity 1 (OOEOO12)	
05/10/2026	Lesson 10 – National grid (HT) Lesson 11RP – Specific heat capacity Lesson 12 – Calculating SHC from data Lesson 13 LCP and critical reflection CR9 (Electrolysis) Lesson 1 – Pre learning	Partial past paper	LCP- OEOO14
12/10/2026	Lesson 2 – The process of electrolysis Lesson 3 – Electrolysis of molten ionic compounds Lesson 4 – Extraction of Al from Al2O3 Lesson 5 – Electrolysis of aqueous solutions (theory) Lesson 6 - RP Electrolysis of aqueous solutions	Ionic compounds (BOM15)	
19/10/2026	Lesson 7 – Representation of reactions using half-equations Lesson 8 - LCP Lesson 9 – Critical reflection Revision lesson 1- OAT Exam questions common content Revision lesson 2 – OAT Exam questions common content	State symbols etc	LCP - CR9
October Half Term			
02/11/2026		**Personalised revision**	**Core Mocks**
09/11/2026		**Paper 1 revision question – focus on recall and application**	**Core Mocks**
16/11/2026	CR10 (10 hours) Rate of Reaction Lesson 1- OAT not yet released Lesson 2 Lesson 3 Lesson 4 Lesson 5	Mitosis and cell cycle	
23/11/2026	Lesson 6 Lesson 7 Lesson 8 Lesson 9 Lesson 10	**CR7**	**LCP -CR10**
30/11/2026	BBL 9 Reproduction (11 hours) Lesson 1 – DNA and the genome Lesson 2 - Meiosis Lesson 3 – Sexual and asexual reproduction Lesson 4 – Genetic inheritance	**CR7**	

	Lesson 5 – Inherited disorders and Sex determination		
07/12/2026	Lesson 6 – Punnett squares Lesson 7 – Variation and mutations Lesson 8 - Evolution Lesson 9 – Genetic engineering Lesson 10 - LCP	**Partial paper**	**LCP - BBL9**
14/12/2026	Lesson 11 – Critical reflection OEOO15 Forces (8 hours) Lesson 1 – Pre learning Lesson 2 – Stopping distance Lesson 3 – Newton's 2nd Law Lesson 4 - RP Acceleration	**IOL14**	
Christmas Break			
04/01/2027	Lesson 5 - Momentum (HT) Lesson 6 - Quantitate movement (S/HT) Lesson 7 - Rate of change of momentum (S/HT) Lesson 8 - Moments, levers and gears (S/HT) IOL15 Classification (7 hours) Lesson 1 – OAT not yet released	**IOL14**	
11/01/2027		**OEOO13**	**Full mocks**
18/01/2027		**OEOO13**	**Full mocks**
25/01/2027	- Critical reflection – Biology Paper - Critical reflection - Chemistry Paper - Critical reflection – Physics Paper NB If no curriculum time then it will be done over 3 P6 sessions	**OEOO13**	**Full mocks**
01/02/2027	Lesson 2 Lesson 3 Lesson 4 Lesson 5 Lesson 6	IOL15	
08/02/2027	Lesson 7 LCP BOE16 Magnetism (6 hours) Lesson 1 – Pre learning and magnets Lesson 2 – Magnetic fields Lesson 3 – Wires and magnetic fields Lesson 4 - Electromagnets	IOL15	LCP-OE0015 AND IOL15
February Half Term			
22/02/2027	Lesson 5 -RP Investigating electromagnets Lesson 6- Fleming LHR and motors IOL16 Biodiversity(10 hours) Lesson 1 OAT not released yet Lesson 2 Lesson 3	Partial paper	
01/03/2027	Lesson 4 Lesson 5 Lesson 6 Lesson 7 Lesson 8	BOM14	
08/03/2027	Lesson 9 Lesson 10 LCP OE6 – Resources (10hours) Lesson 1 -Pre learning Lesson 2 – Earth's resources and sustainable development Lesson 3 – Potable water	OE5	LCP – BOE16 AND IOL16
15/03/2027	Lesson 4 -RP Water purification Lesson 5 – Waste water treatment Lesson 6 - Energy resources and how they differ Lesson 7 – Environmental impact of energy resources Lesson 8 - Life cycle assessments	OE5	
22/03/2027	Lesson 9 - LCP Lesson 10 – Critical reflection OE7 Human Impact (7 hours) Lesson 1 – Careers and pre learning Lesson 2 – The early Earth	OE7	LCP -OE6

	Lesson 3 – Contributing to the greenhouse effect		
Easter Break			
12/04/2027	Lesson 4 – Climate change and global warming Lesson 5 – Carbon footprint Lesson 6 -Atmospheric pollutants and their effects Lesson 7 - LCP and critical reflection	Partial paper - physics	LCP -OE7
19/04/2027	Revision : recall and application 1 Physics Paper 2 2 Physics Paper 1 3 Chemistry Paper 2 4 Chemistry Paper 1 5 Biology Paper 2	Partial paper - Chemistry	
26/04/2027	Revision: 1 Biology Paper 1 2 TBC - RPs? Maths? 6 mark questions? 3 TBC 4 TBC 5 TBC	Partial Paper - Biology	
03/05/2027	SUMMER EXAMINATIONS		
10/05/2027	SUMMER EXAMINATIONS		
17/05/2027	SUMMER EXAMINATIONS		
24/05/2027	SUMMER EXAMINATIONS		
May Half Term			
07/06/2027	SUMMER EXAMINATIONS		
14/06/2027	SUMMER EXAMINATIONS		