

Year 11 Biology revision timetable:

Week	Subject	Topic	Due date
12/10/2020	Biology	Cell biology- Cell structure and microscopy https://classroom.thenational.academy/lessons/prokaryotic-and-eukaryotic-cells-6cr6ae/activities/1 https://classroom.thenational.academy/lessons/microscopes-magnification-and-resolution-6mr38d/activities/1	19/10/2020
19/10/2020	Biology	Cell biology- Mitosis https://www.youtube.com/watch?v=IOVdEiPWkHs	26/10/2020
26/10/2020	Biology	Cell biology- Stem cells https://www.youtube.com/watch?v=Kh27eyjxvYM	26/10/2020
26/10/2020	Biology	Cell biology- Exchange and surface area to volume ratio https://classroom.thenational.academy/lessons/exchange-surfaces-and-surface-area-to-volume-ratio-60tp4r	2/11/2020
2/11/2020	Biology	Cell biology- Osmosis https://classroom.thenational.academy/lessons/osmosis-6wu3jd/activities/1	9/11/2020
9/11/2020	Biology	Organisation- Plant tissues and organ systems https://classroom.thenational.academy/lessons/plant-tissue-cnh32t	16/11/2020
16/11/2020	Biology	Organisation: Transport in plants https://classroom.thenational.academy/lessons/transport-in-plants-6rr38c https://classroom.thenational.academy/lessons/investigating-transpiration-6tjk0r	23/11/2020
23/11/2020	Biology	Organisation- Food tests https://classroom.thenational.academy/lessons/food-tests-61h3cd	30/11/2020
30/11/2020	Biology	Organisation- Respiratory system https://classroom.thenational.academy/lessons/the-lungs-ccu3ge	7/12/2020
7/12/2020	Biology	Health and disease- Defence mechanisms https://classroom.thenational.academy/lessons/infectious-disease-6wu3ce	14/12/2020
14/12/2020	Biology	Health and disease- Immunity https://classroom.thenational.academy/lessons/immunity-cnk3ad https://classroom.thenational.academy/lessons/vaccines-70u6cc	19/12/2020
Christmas	Biology	Health and disease- The Development of drugs https://classroom.thenational.academy/lessons/testing-drugs-part-1-6wwker https://classroom.thenational.academy/lessons/testing-drugs-part-2-60r32c	After Christmas
Christmas	Biology	Bioenergetics- Respiration https://classroom.thenational.academy/lessons/respiration-71jpce	After Christmas
Christmas	Biology	Bioenergetics- Respiration https://classroom.thenational.academy/lessons/anaerobic-respiration-cdgk6d	After Christmas

Year 11 Physics Revision Timetable:

Week	Subject	Topic	Due date
12/10/2020	Physics	Energy - Energy transfers - https://classroom.thenational.academy/lessons/energy-transfers-64upac https://www.youtube.com/watch?v=7ZITNAUNFts&list=PL9IouNCPbCxWNjJvmaqZ4vKy4VfcAhsCj&index=6&ab_channel=Freesciencelessons	19/10/2020
19/10/2020	Physics	Energy - Energy stores - https://classroom.thenational.academy/lessons/the-kinetic-energy-store-6thpad https://classroom.thenational.academy/lessons/the-gravitational-potential-store-crr6ar https://classroom.thenational.academy/lessons/the-elastic-potential-store-70u62t	26/10/2020
26/10/2020	Physics	Energy - Conservation of energy - https://classroom.thenational.academy/lessons/conservation-of-energy-71gk6c	26/10/2020
26/10/2020	Physics	Energy - Power and efficiency - https://classroom.thenational.academy/lessons/power-crvk4c https://classroom.thenational.academy/lessons/efficiency-and-reducing-unwanted-energy-transfers-61jker	2/11/2020
2/11/2020	Physics	Energy - Specific Heat capacity - https://classroom.thenational.academy/lessons/specific-heat-capacity-required-practical-69j66r/activities/1 https://classroom.thenational.academy/lessons/specific-heat-capacity-chhp6r/activities/3	9/11/2020
9/11/2020	Physics	Energy - Energy resources https://www.youtube.com/watch?v=1dJKvxhGEgA&list=PL9IouNCPbCxWNjJvmaqZ4vKy4VfcAhsCj&index=13&ab_channel=Freesciencelessons https://www.youtube.com/watch?v=pqzvUur7QRw&list=PL9IouNCPbCxWNjJvmaqZ4vKy4VfcAhsCj&index=16&ab_channel=Freesciencelessons	16/11/2020
16/11/2020	Physics	Electricity - Charge, current and voltage https://classroom.thenational.academy/lessons/charge-and-current-64r36t https://classroom.thenational.academy/lessons/potential-difference-74tk4c	23/11/2020
23/11/2020	Physics	Electricity - Resistance/ series and parallel circuits. https://classroom.thenational.academy/lessons/electrical-resistance-6wvk4t https://classroom.thenational.academy/lessons/series-circuits-6wrpad https://classroom.thenational.academy/lessons/parallel-circuits-68w3ct	30/11/2020
30/11/2020	Physics	Electricity - Resistors - https://www.youtube.com/watch?v=JMs-3uoNf44&t=126s&ab_channel=PhysicsOnline	7/12/2020
7/12/2020	Physics	Electricity - Electrical power- https://classroom.thenational.academy/lessons/electrical-power-part-1-6hjk6rv https://classroom.thenational.academy/lessons/electrical-power-part-1-6hjk6r	14/12/2020
14/12/20	Physics	Mains electricity - https://classroom.thenational.academy/lessons/domestic-electricity-c4rp8t	19/12/2020
Christmas	Physics	Particle model - States of matter and density - https://www.youtube.com/watch?v=nVrsgESZh-Y&ab_channel=FuseSchool-GlobalEducation - https://www.youtube.com/watch?v=ScXOp8Zph28&ab_channel=Freesciencelessons	After Christmas
Christmas	Physics	Particle model- Internal energy and latent heat - https://classroom.thenational.academy/lessons/internal-energy-70t6ad https://classroom.thenational.academy/lessons/latent-heat-chjk2r	After Christmas
Christmas	Physics	Particle model - Heating and cooling - https://classroom.thenational.academy/lessons/heating-and-cooling-substances-c4wp4c	After Christmas

Year 11 Chemistry revision timetable (trilogy):

Week	Subject	Topic	Due date
12/10/2020	Chemistry	C1 - Atoms, elements and compound, separation techniques https://classroom.thenational.academy/lessons/atoms-elements-and-compounds-6cv3ge https://classroom.thenational.academy/lessons/mixtures-filtration-and-crystallisation-60u38e https://classroom.thenational.academy/lessons/separation-by-distillation-75jk2r	19/10/2020
19/10/2020	Chemistry	C1 - Structure of the atom https://classroom.thenational.academy/lessons/atomic-structure-6crk8d https://classroom.thenational.academy/lessons/electron-configuration-and-the-periodic-table-61jp4c	26/10/2020
26/10/2020	Chemistry	C1 - Development of the atomic model https://classroom.thenational.academy/lessons/development-of-the-atomic-model-6crp2t Development of the periodic table https://classroom.thenational.academy/lessons/periodic-table-development-6cwp8t	26/10/2020
26/10/2020	Chemistry	C1 - Groups 1, 7, 0 https://classroom.thenational.academy/lessons/group-1-cdk68r https://classroom.thenational.academy/lessons/group-7-c5h36c https://classroom.thenational.academy/lessons/comparing-the-reactivities-of-group-1-and-7-elements-6tjpac	2/11/2020
2/11/2020	Chemistry	C2 - Ionic bonding and ionic compounds https://classroom.thenational.academy/lessons/ionic-bonding-introduction-70wk4c https://classroom.thenational.academy/lessons/further-ionic-bonding-6cu32c https://classroom.thenational.academy/lessons/properties-of-ionic-compounds-6hj66c	9/11/2020
9/11/2020	Chemistry	C2 - Covalent bonding and covalent compounds https://classroom.thenational.academy/lessons/covalent-bonding-65hpc https://classroom.thenational.academy/lessons/simple-covalent-molecules-70v66e	16/11/2020
16/11/2020	Chemistry	C2 - Polymers and giant covalent compounds https://classroom.thenational.academy/lessons/polymers-6rvkgr https://classroom.thenational.academy/lessons/the-giant-covalent-structures-c5h3cc	23/11/2020
23/11/2020	Chemistry	C2 - States of matter https://classroom.thenational.academy/lessons/solids-liquids-and-gases-cmr36d	30/11/2020
30/11/2020	Chemistry	C3 - RFM and conservation of mass https://classroom.thenational.academy/lessons/relative-formula-mass-ft-only-64r3cc https://classroom.thenational.academy/lessons/chemical-formulae-and-conservation-of-mass-6ngk4c	7/12/2020
7/12/2020	Chemistry	C3 - Concentration of solutions https://classroom.thenational.academy/lessons/concentration-6rr6cc	14/12/2020
14/12/2020	Chemistry	C4 - pH scale and neutralisation https://classroom.thenational.academy/lessons/acid-base-reactions-cgt66t https://classroom.thenational.academy/lessons/making-salts-crw68c https://classroom.thenational.academy/lessons/acids-alkalis-and-the-ph-scale-chj38c	19/12/2020
Christmas	Chemistry	C4 - Reactivity and extraction of metals https://classroom.thenational.academy/lessons/investigating-the-reactivity-of-metals-cmu32e https://classroom.thenational.academy/lessons/displacement-reactions-of-metals-c5hk6r	After Christmas
Christmas	Chemistry	C4 - Electrolysis of molten compounds https://classroom.thenational.academy/lessons/electrolysis-of-molten-compounds-cgw66t https://classroom.thenational.academy/lessons/extraction-of-aluminium-68w38r	After Christmas
Christmas	Chemistry	C4 - Electrolysis of aqueous solutions https://classroom.thenational.academy/lessons/electrolysis-of-solutions-cmv3ge	After Christmas

Week	Subject	Topic	Year 11 Chemistry revision timetable (triple):	Due date
12/10/2020	Chemistry	C1 - Atomic structure	https://classroom.thenational.academy/lessons/atomic-structure-6crk8d https://classroom.thenational.academy/lessons/electron-configuration-and-the-periodic-table-61jp4c https://classroom.thenational.academy/lessons/development-of-the-atomic-model-6crp2t	19/10/2020
19/10/2020	Chemistry	C1 - Periodic table and transition elements	https://classroom.thenational.academy/lessons/periodic-table-development-6cwp8t https://classroom.thenational.academy/lessons/group-1-cdk68r https://classroom.thenational.academy/lessons/group-7-c5h36c https://classroom.thenational.academy/lessons/transition-elements-c4u3cr	26/10/2020
26/10/2020	Chemistry	C2 - Ionic bonding and ionic compounds	https://classroom.thenational.academy/lessons/ionic-bonding-introduction-70wk4c https://classroom.thenational.academy/lessons/further-ionic-bonding-6cu32c https://classroom.thenational.academy/lessons/properties-of-ionic-compounds-6hj66c	26/10/2020
26/10/2020	Chemistry	C2 - Covalent bonding and covalent compounds	https://classroom.thenational.academy/lessons/covalent-bonding-65hpc https://classroom.thenational.academy/lessons/simple-covalent-molecules-70v66e	2/11/2020
2/11/2020	Chemistry	C2 - Polymers and giant covalent compounds	https://classroom.thenational.academy/lessons/polymers-6rvkgr https://classroom.thenational.academy/lessons/the-giant-covalent-structures-c5h3cc	9/11/2020
9/11/2020	Chemistry	C2 - Nanoparticles	https://classroom.thenational.academy/lessons/nanoparticles-gcse-chemistry-only-crr64r	16/11/2020
16/11/2020	Chemistry	C3 - RFM and moles	https://classroom.thenational.academy/lessons/relative-formula-mass-ht-only-6gtp8d https://classroom.thenational.academy/lessons/moles-and-avogadro-constant-ht-only-chj3jt	23/11/2020
23/11/2020	Chemistry	C3 - Reacting masses, yield and atom economy	https://classroom.thenational.academy/lessons/reacting-masses-ht-only-69jk4d https://classroom.thenational.academy/lessons/reacting-masses-and-yield-gcse-chemistry-c4wkge https://classroom.thenational.academy/lessons/atom-economy-6mt3ac	30/11/2020
30/11/2020	Chemistry	C3 - Concentration and titration calculations	https://classroom.thenational.academy/lessons/concentration-6rr6cch https://classroom.thenational.academy/lessons/titrations-6gv3et https://classroom.thenational.academy/lessons/titration-calculations-chj6cd	7/12/2020
7/12/2020	Chemistry	C4 - pH scale and neutralisation	https://classroom.thenational.academy/lessons/acid-base-reactions-cgt66t https://classroom.thenational.academy/lessons/making-salts-crw68c https://classroom.thenational.academy/lessons/acids-alkalis-and-the-ph-scale-chj38c	14/12/2020
14/12/2020	Chemistry	C4 - Reactivity of metals and REDOX reactions	https://classroom.thenational.academy/lessons/investigating-the-reactivity-of-metals-cmu32e https://classroom.thenational.academy/lessons/displacement-reactions-of-metals-c5hk6r https://classroom.thenational.academy/lessons/redox-higher-tier-75h68c/activities/1	19/12/2020
Christmas	Chemistry	C4 - Electrolysis of molten compounds	https://classroom.thenational.academy/lessons/electrolysis-of-molten-compounds-cgw66t https://classroom.thenational.academy/lessons/extraction-of-aluminium-68w38r	After Christmas
Christmas	Chemistry	C4 - Electrolysis of aqueous solutions	https://classroom.thenational.academy/lessons/electrolysis-of-solutions-cmv3ge	After Christmas
Christmas	Chemistry	C4 - Ionic equations	https://classroom.thenational.academy/lessons/acid-base-ionic-equations-74r62c https://classroom.thenational.academy/lessons/electrolysis-half-equations-c8r6ar	After Christmas