



WHAT IS
YOUR TARGET?



GCSE CHEMISTRY REVISION PLANNER



WEEK 1

w/c 5th November	
Atoms	✓
Elements	
Compounds	
Chemical equations	
Mixtures and chromatography	
More separation techniques	
Distillation	
Exam Paper Questions	

WEEK 2

w/c 12th November	
The history of the periodic table	✓
Electronic structure	
Development of the periodic table	
The modern periodic table	
Metals and non-metals	
Exam Paper Questions	

WEEK 3

w/c 19th November	
Group 1 elements	✓
Group 7 elements	
Group 0 elements	
Formation of ions	
Ionic bonding	
Covalent bonding	
Exam Paper Questions	

WEEK 4

w/c 26th November	
Simple molecular substances	✓
Polymers and giant covalent structures	
Allotropes of carbon	
Metallic bonding	
Exam Paper Questions	

WEEK 5

w/c 3rd December	
States of matter	✓
Changing state	
Relative formula mass	
The mole	
Exam Paper Questions	

WEEK 6

w/c 10th December	
Conservation of mass	✓
The mole and equations	
Exam Paper Questions	

WEEK 7

w/c 17th December	
Limiting reactants	✓
Concentrations of solutions	
Exam Paper Questions	

WEEK 8-11

Christmas Holidays	
Start revision for January Mock Exams starting on the 14th January 2019.	✓
Use material and lists provided by your teacher for revision.	
Exam Paper Questions	

WEEK 12

w/c 21st January	
Acids and bases	✓
Strong acids and weak acids	
Reactions of acids	
Exam Paper Questions	

WEEK 13

w/c 28th January	
The reactivity series	✓
Separating metals from metal oxides	
Redox reactions	
Exam Paper Questions	

WEEK 14

w/c 4th February	
Electrolysis	✓
Electrolysis of aqueous solutions	
Exothermic and endothermic reactions	
More exothermic and endothermic reactions	
Bond energies	
Exam Paper Questions	

WEEK 15

w/c 11th February	
You have now completed all the topics on Chemistry Paper 1. During this week complete a timed Chemistry Paper 1.	
Ask your teacher for a blank paper to use.	
Paper 1 Score:	170

WEEK 16

w/c 18th February (HT)	
Rates of reaction	✓
Factors affecting rates of reaction	
Measuring rates of reaction	
Two rates experiment	
Finding reaction rates from graphs	
Reversible reactions	
Le Chatelier's Principle	
Exam Paper Questions	

WEEK 17

w/c 25th February	
Hydrocarbons	✓
Fractional distillation	
Uses and cracking of crude oil	
Exam Paper Questions	

WEEK 18

w/c 4th March	
Purity and formulations	✓
Paper chromatography	
Tests for gases	
Exam Paper Questions	

WEEK 19

w/c 11th March	
The evolution of the atmosphere	✓
Greenhouse gases and climate change	
Carbon footprints	
Exam Paper Questions	

WEEK 20&21

w/c 18th March	
Finite and renewable resources	✓
Reuse and recycling	
Life cycle assessments	
Exam Paper Questions	
w/c 25th March	
Potable water	✓
Waste water treatment	
Exam Paper Questions	

WEEK 22

w/c 1st April	
You have now completed all the topics on Chemistry Paper 2. During this week complete a timed Chemistry Paper 2.	
Ask your teacher for a blank paper to use.	
Paper 2 Score:	170



**TICK WHAT
YOU HAVE
REVISED**



**EXAM
DATES**

Paper 1: Thursday 16th May, 9am
Paper 2: Wednesday 14th June, 9am

EASTER HOLIDAYS: You should use this time to plan your own revision. Complete as many past papers as you can and attend revision sessions in school. Review the topics above and focus on the ones you struggled with.





WHAT IS
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GCSE PHYSICS REVISION PLANNER



WEEK 1

w/c 5th November	✓
Energy stores and systems	
Kinetic and potential energy stores	
Specific heat capacity	
Conservation of energy and power	
Reducing unwanted energy transfers	
Efficiency	
Exam Paper Questions	

WEEK 2

w/c 12th November	✓
Energy resources and their uses	
Wind, solar and geothermal	
Hydro-electricity, Waves and tides	
Bio-fuels and non-renewables	
Trends in energy resource use	
Exam Paper Questions	

WEEK 3

w/c 19th November	✓
Current and circuit diagrams	
Resistance and V=IR	
Resistance and I-V characteristics	
Exam Paper Questions	

WEEK 4

w/c 26th November	✓
Circuit devices	
Series circuits	
Parallel circuits	
Investigating resistance	
Exam Paper Questions	

WEEK 5

w/c 3rd December	✓
Electricity in the home	
Power of electrical appliances	
More on power	
The national grid	
Exam Paper Questions	

WEEK 6

w/c 10th December	✓
The particle model and the motion of gases	
Density of materials	
Exam Paper Questions	

WEEK 7

w/c 17th December	✓
Internal energy and changes of state	
Specific latent heat	
Exam Paper Questions	

WEEK 8-11

Christmas Holidays	✓
Start revision for January Mock Exams starting on the 14th January 2019.	
Use material and lists provided by your teacher for revision.	
Exam Paper Questions	

WEEK 12

w/c 21st January	✓
Developing the model of the atom	
Isotopes and nuclear radiation	
Exam Paper Questions	

WEEK 13

w/c 28th January	✓
Nuclear equations	
Half-life	
Irradiation and contamination	
Exam Paper Questions	

WEEK 14

w/c 4th February	✓
You have now completed all the topics on Physics Paper 1. During this week complete a timed Physics Paper 1.	
Ask your teacher for a blank paper to use.	
Paper 1 Score:	170

WEEK 15

w/c 11th February	✓
Contact and non-contact forces	
Weight, mass and gravity	
Resultant forces and work done	
Exam Paper Questions	

WEEK 16

w/c 18th February (HT)	✓
Contact and non-contact forces	
Weight, mass and gravity	
Resultant forces and work done	
Distance, displacement, speed and velocity	
Acceleration	
Distance-time and velocity-time graphs	
Terminal velocity	
Exam Paper Questions	

WEEK 17&18

w/c 25th February	✓
Newton's First and Second Laws	
Inertia and Newton's Third Law	
Exam Paper Questions	

w/c 4th March	✓
Terminal velocity	
Newton's First and Second Laws	
Inertia and Newton's Third Law	
Momentum	
Exam Paper Questions	

WEEK 19

w/c 11th March	✓
Transverse and longitudinal waves	
Experiments with waves	
Wave behaviour and electromagnetic waves	
Refraction	
Radio waves	
EM waves and their uses	
Exam Paper Questions	

WEEK 20

w/c 18th March	✓
More uses of EM waves	
Investigating infrared radiation	
Dangers of electromagnetic waves	
Exam Paper Questions	

WEEK 21

w/c 25th March	✓
Permanent and induced magnets	
Electromagnetism	
The motor effect	
Electric motors	
Exam Paper Questions	

WEEK 22

w/c 1st April	✓
You have now completed all the topics on Physics Paper 2. During this week complete a timed Physics Paper 2.	
Ask your teacher for a blank paper to use.	
Paper 2 Score:	170



**TICK WHAT
YOU HAVE
REVISED**



**EXAM
DATES**

Paper 1: Wednesday 22nd May, 1pm
Paper 2: Wednesday 12th June, 9am

EASTER HOLIDAYS: You should use this time to plan your own revision. Complete as many past papers as you can and attend revision sessions in school. Review the topics above and focus on the ones you struggled with.





WHAT IS
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GCSE BIOLOGY REVISION PLANNER



WEEK 1

w/c 5th November		✓
Cells		
Microscopy		
More on microscopy		
Cell differentiation and specialisation		
Exam Paper Questions		

WEEK 2

w/c 12th November		✓
Chromosomes and mitosis		
Stem cells		
Exam Paper Questions		

WEEK 3

w/c 19th November		✓
Diffusion		
Osmosis		
Active transport		
Exchange surfaces		
Exchanging substances		
More on exchanging substances		
Exam Paper Questions		

WEEK 4

w/c 26th November		✓
Cell organisation		
Enzymes		
Investigating enzymatic reactions		
Enzymes and digestion		
Exam Paper Questions		

WEEK 5

w/c 3rd December		✓
Food tests		
The lungs		
Exam Paper Questions		

WEEK 6

w/c 10th December		✓
Circulatory system - the heart		
Circulatory system - blood vessels		
Circulatory system - blood		
Exam Paper Questions		

WEEK 7

w/c 17th December		✓
Cardiovascular disease		
Health and disease		
Risk factors for non-communicable diseases		
Cancer		
Communicable disease		
Exam Paper Questions		

WEEK 8-11

Christmas Holidays		✓
Start revision for January Mock Exams starting on the 14th January 2019.		
Use material and lists provided by your teacher for revision.		
Exam Paper Questions		

WEEK 12

w/c 21st January		✓
Plant cell organisation		
Transpiration and translocation		
Transpiration and stomata		
Exam Paper Questions		

WEEK 13

w/c 28th January		✓
Viral, fungal and protist disease		
Bacterial diseases and preventing disease		
Fighting disease		
Fighting disease - vaccination		
Fighting disease - drugs		
Developing drugs		
Exam Paper Questions		

WEEK 14

w/c 4th February		✓
Respiration and metabolism		
Aerobic and anaerobic respiration		
Exercise		
Exam Paper Questions		

WEEK 15

w/c 11th February		
You have now completed all the topics on Biology Paper 1. During this week complete a timed Biology Paper 1.		
Ask your teacher for a blank paper to use.		
Paper 1 Score:		/70

WEEK 16

w/c 18th February (HT)		✓
Homeostasis		
The nervous system		
Synapses and reflexes		
Investigating reaction time		
The endocrine system		
Controlling blood glucose		
Puberty and the menstrual cycle		
Controlling fertility		
More on controlling fertility		
Adrenaline and thyroxin		
Exam Paper Questions		

WEEK 17

w/c 25th February		✓
DNA		
Reproduction		
Meiosis		
X and Y chromosomes		
Genetic diagrams		
More genetic diagrams		
Inherited disorders		
Exam Paper Questions		

WEEK 18

w/c 4th March		✓
Variation		
Evolution		
Selective breeding		
Genetic engineering		
Fossils		
Exam Paper Questions		

WEEK 19

w/c 11th March		✓
Antibiotic-resistant bacteria		
Classification		
Competition		
Abiotic and biotic factors		
Exam Paper Questions		

WEEK 20&21

w/c 18th March		✓
The water and carbon cycles		
Biodiversity and waste management		
Global warming		
Exam Paper Questions		

w/c 25th March		✓
Deforestation and land use		
Maintaining ecosystems and biodiversity		
Exam Paper Questions		

WEEK 22

w/c 1st April		
You have now completed all the topics on Biology Paper 2. During this week complete a timed Biology Paper 2.		
Ask your teacher for a blank paper to use.		
Paper 2 Score:		/70



TICK WHAT YOU
HAVE REVISED



EXAM
DATES

Paper 1: Tuesday 14th May, 1pm

Paper 2: Friday 7th June, 1pm

EASTER HOLIDAYS: You should use this time to plan your own revision. Complete as many past papers as you can and attend revision sessions in school. Review the topics above and focus on the ones you struggled with.

