

How and what can I do to support Revision in Science?

As a parent/carers you can really help your child make progress from where they are now. Please find a list of topics to revise for the next set of trial exams. Students should have revision equipment from the beginning of the year to aid revision and revision guides.

BIOLOGY= AQA Combined Science Trilogy GCSE Science Biology topics to revise for the next set of mock exams	Video	Revision Book Pages	I feel secure now? Y/N	Useful Website links
Genetic Engineering. What is it and what are some of the concerns with it?	GE	Revision Guide Foundation Pg no. 78 Higher:Pg no. 78		Kay Science - A lovely YouTube channel that makes revision comic strips. Students could watch the videos and make their own revision resource. Combined Science Bitesize - Students could revise a topic and then complete exam questions Seneca Revision - Homework Revision Tasks will be set each week on Seneca AQA Trilogy Past Papers - Students could work through past papers and then mark them using the mark schemes Google Classroom- go back through your past lessons and revise topics you are unsure about.
Inherited Diseases - Cystic Fibrosis and Polydactyly. What are the symptoms and how is each passed on?	Inherited Diseases	Revision Guide Foundation Pg no. 71 Higher:Pg no. 74		
Sampling (Quadrats) Required Practical. The method for random sampling and a line transect	Required Practical Link 2	Revision Guide Foundation Pg no. 87 Higher:Pg no. 87		
Biotic and Abiotic Factors	Factors	Revision Guide Foundation Pg no. 84 Higher:Pg no. 84		
Classification	Link	Revision Guide Foundation Pg no. : 80 Higher:Pg no. 81		
Natural Selection	N.S	Revision Guide Foundation Pg no. 74 Higher:Pg no. 76		
Endocrine System and Blood Sugar Regulation	Endocrine B.S.R	Revision Guide Foundation Pg no. 61 and 62 Higher:Pg no. 62 and 63		
The Water Cycle	Water Cycle	Revision Guide Foundation Pg no. 89 Higher:Pg no. 89		
The Carbon Cycle. Including what happens to dead plants and animals?	Carbon Cycle	Revision Guide Foundation Pg no. 90 Higher:Pg no. 90		
Water Pollution - How do human activities contribute to it	Water Pollution	Revision Guide Foundation Pg no. 91 Higher:Pg no. 91		
Cell division - The cell cycle, The difference between mitosis and meiosis	Mitosis vs Meiosis	Revision Guide Foundation Pg no. 15 Higher:Pg no. 15		

The Menstrual Cycle- The hormones and what each one does	Menstrual Cycle	Revision Guide Foundation Pg no. 63 Higher:Pg no. 64		
Treating Infertility- IVF and its stages	IVF	Revision Guide Foundation Pg no. 64 and 65 Higher:Pg no.65 and 66		

CHEMISTRY=AQA Combined Science Trilogy GCSE Science Chemistry topics to revise for the next set of mock exams	Video	Revision Book Pages	I feel confident and secure now? Y/N	Useful Website links
<u>Gas Tests-</u> What are the tests for oxygen, carbon dioxide, hydrogen and chlorine?	Link	Revision Guide Foundation Pg no. 153 Higher:Pg no. 155		Kay Science - A lovely YouTube channel that makes revision comic strips. Students could watch the videos and make their own revision resource. Combined Science Bitesize - Students could revise a topic and then complete exam questions Seneca Revision - Homework Revision Tasks will be set each week on Seneca AQA Trilogy Past Papers - Students could work through past papers and then mark them using the mark schemes Google Classroom- go back through your past lessons and revise topics you are unsure about.
<u>Evolution of the Atmosphere-</u> What was the early atmosphere like compared to now and what processes caused the change?	Link	Revision Guide Foundation Pg no. 155 Higher:Pg no. 157		
<u>Reversible Reactions and Equilibrium</u>	Link	Revision Guide Foundation Pg no. 144 Higher:Pg no. 147		
<u>Exothermic and Endothermic Reactions</u>	Link	Revision Guide Foundation Pg no. 134 Higher:Pg no. 138 and 139		
<u>Rates of Reaction Disappearing Cross Practical</u>	Link	Revision Guide Foundation Pg no. : 141 Higher:Pg no. 145		
<u>Hydrocarbons-</u> Alkanes, Alkenes, Cracking	Link	Revision Guide Foundation Pg no. 146 Higher:Pg no. 150		
<u>Life Cycle Assessment</u>	Link	Revision Guide Foundation Pg no. 161 Higher:Pg no. 163		
<u>Chromatography Required Practical</u>	Link	Revision Guide Foundation Pg no. 151 Higher:154		
<u>Potable Water-</u> What are the stages for making potable water? Potable water required practical	Link Link 2	Revision Guide Foundation Pg no. 163 Higher:Pg no. 164		
<u>Bioleaching and Phytomining</u>	Link	Revision Guide Foundation Pg no. Higher:Pg no.		



PHYSICS= AQA Combined Science Trilogy GCSE <u>Science</u> Physics topics to revise for the next set of mock exams	Video	Revision Book Pages	I feel confident and secure now? Y/N	Useful Website links
<u>Electromagnetic Spectrum-</u> The order of the waves and their uses	Link	<u>Revision Guide</u> Foundation Pg no. 223 Higher:Pg no. 220		<u>Physics Online-</u> A nice website that contains videos, worksheets and links to the Youtube channel <u>Save my Exams-</u> A nice revision website for physics topics <u>Seneca Revision-</u> Homework Revision Tasks will be set each week on Seneca <u>AQA Trilogy Past Papers-</u> Students could work through past papers and then mark them using the mark schemes Google Classroom- go back through your past lessons and revise topics you are unsure about. <u>Combined Science Bitesize-</u> Students could revise a topic and then complete exam questions
<u>Infrared Required Practical</u>	Link	<u>Revision Guide</u> Foundation Pg no. 226 Higher:Pg no. 225		
<u>Resultant Forces-</u> When is there a resultant force on an object?	Link	<u>Revision Guide</u> Foundation Pg no. 205 Higher:Pg no. 203		
<u>Magnets-</u> Magnetic materials, magnetic field around a coil off wire	Link	<u>Revision Guide</u> Foundation Pg no. 229 and 230 Higher:Pg no. 227 and 228		
<u>Stopping Distances-</u> Thinking distances and braking distances	Link	<u>Revision Guide</u> Foundation Pg no. : 215 and 216 Higher:Pg no. 214		
<u>Waves</u>	Link	<u>Revision Guide</u> Foundation Pg no. 219-228 Higher:Pg no. 218-226		
<u>Momentum (higher only)</u>	Link	<u>Revision Guide</u> Higher:Pg no. 216		
<u>The Motor Effect</u>	Link	<u>Revision Guide</u> Higher:229		
<u>Acceleration</u>	Link	<u>Revision Guide</u> Foundation Pg no. 209 Higher:Pg no. 208		