

GCSE Science Revision – 2016-17

Triple Science	Double Science	Module	Exam Date (2017)	
Biology	Core Science	Biology (B1)	TBC	
		Chemistry (C1)	TBC	
		Physics (P1)	TBC	
Chemistry		Additional Science	Biology (B2)	TBC
Physics			Chemistry (C2)	TBC
			Physics (P2)	TBC
	Biology (B3)	TBC		
		Chemistry (C3)	TBC	
		Physics (P3)	TBC	

Attend as many revision sessions as you can!!!

Ask your teacher to show you your test marks for each subject... use these to prioritise which session to attend

Date	Topic	Room	Staff
20 Sep 2016	<p>B1 – Keeping Healthy</p> <ul style="list-style-type: none"> - Diet and exercise - Defence against disease <p>B1 – Nerves and Hormones</p> <ul style="list-style-type: none"> - Nervous system - Control in human body - Control in plants <p>B1 – Use and Abuse of Drugs</p> <ul style="list-style-type: none"> - Drugs 	2112	ST
27 Sep 2016	<p>B1 – Interdependence and Adaptation</p> <ul style="list-style-type: none"> - Adaptations - Environmental change <p>B1 – Energy and Biomass in Food Chains</p> <ul style="list-style-type: none"> - Energy in biomass <p>B1 – Waste Materials from Plants and Animals</p> <ul style="list-style-type: none"> - Decay process - Carbon cycle 	2112	ST

4 Oct 2016	<p>B1 – Genetic Variation and its Control</p> <ul style="list-style-type: none"> - Why organisms are different - Reproduction <p>B1 – Evolution</p>	2112	ST
11 Oct 2016	<p>B1 – Interdependence and Adaptation</p> <ul style="list-style-type: none"> - Adaptations - Environmental change <p>B1 – Energy and Biomass in Food Chains</p> <ul style="list-style-type: none"> - Energy in biomass <p>B1 – Waste Materials from Plants and Animals</p> <ul style="list-style-type: none"> - Decay process <p>Carbon cycle</p>	2112	ST
18 Oct 2016	<p>C2 – Atomic Structure, Analysis and Quantitative Chemistry</p> <ul style="list-style-type: none"> - Atomic structure - Analysing substances - Quantitative chemistry 	2112	<u>AQK</u> RC JSU
1 Nov 2016	<p>P1 – Usefulness of Electrical Appliances</p> <ul style="list-style-type: none"> - Transferring electrical energy 	2112	<u>WLL</u> MI NAF
8 Nov 2016	<p>P1 – Energy Transfers</p> <ul style="list-style-type: none"> - Infrared radiation - Kinetic theory - Energy transfer by heating - Heating and insulating buildings <p>P1 – Energy and Efficiency</p> <ul style="list-style-type: none"> - Energy transfers and efficiency 	2112	<u>WLL</u> MI NAF

15 Nov 2016	C2 – Rates of Reaction - Rates of reaction C2 – Exothermic and Endothermic reactions - Energy transfer in chemical reactions	2112	<u>AQK</u> RMC ST
22 Nov 2016	P1 – Methods we use to Generate Electricity - Generating electricity - National grid	2112	<u>WLL</u> ST MI
29 Nov 2016	B1 – Genetic Variation and its Control - Why organisms are different - Reproduction B1 – Evolution - Evolution	2112	<u>ST</u> FA CC
6 Dec 2016	P1 – Waves - General properties of waves - Reflection - Sound - Red shift	2112	<u>WLL</u> SS MI
13 Dec 2016	C2 – Acids, Bases and Salts - Making salts - Acids and bases C2 – Electrolysis Electrolysis	2112	<u>AQK</u> RC JSU

19 Jan 2016	C1 – Fundamental Chemistry <ul style="list-style-type: none"> - Atoms - Periodic table - Chemical reactions C1 – Limestone and Building Materials <ul style="list-style-type: none"> - Calcium carbonate 	3102	PY
19 Jan 2016	P2 – Forces and their Effects <ul style="list-style-type: none"> - Resultant forces - Forces and motion - Forces and braking - Forces and terminal velocity - Forces and elasticity 	2102	WLL
19 Jan 2016	B3 – Movement of molecules in and out of cells <ul style="list-style-type: none"> - Dissolved substances - Gaseous exchange - Exchange systems in plants 	4105	CC

26 Jan 2016	P1 – Energy Transfers <ul style="list-style-type: none"> - Infrared radiation - Kinetic theory - Energy transfer by heating - Heating and insulating buildings P1 – Energy and Efficiency <ul style="list-style-type: none"> - Energy transfers and efficiency 	2102	WLL
26 Jan 2016	B2 – Cells and Simple Cell transport <ul style="list-style-type: none"> - Cells and Cell Structure - Dissolved Substances B2 – Tissues, Organs and Organ Systems <ul style="list-style-type: none"> - Animal organs - Plant organs B2 – Photosynthesis <ul style="list-style-type: none"> - Photosynthesis 	2112	SMO

26 Jan 2016	C3 – Periodic Table <ul style="list-style-type: none"> - The early periodic table - The modern periodic table - Trends within the periodic table C3 – Water <ul style="list-style-type: none"> - Hard and soft water - Purifying water 	3102	PY
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2 Feb 2016	C1 – Fundamental Chemistry <ul style="list-style-type: none"> - Atoms - Periodic table - Chemical reactions C1 – Limestone and Building Materials Calcium carbonate	4112	GIS
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2 Feb 2016	C1 – Metals and their Uses <ul style="list-style-type: none"> - Extracting metals - Alloys Properties and uses of metals	3104	AQK
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2 Feb 2016	P3 – Using Physics to Make Things Work <ul style="list-style-type: none"> - Centre of mass - Moments - Hydraulics - Circular motion 	2106	JTO
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9 Feb 2016	C1 – Metals and their Uses <ul style="list-style-type: none"> - Extracting metals - Alloys - Properties and uses of metals 	3102	PY
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9 Feb 2016	P2 – Kinetic Energy <ul style="list-style-type: none"> - Forces and energy - Momentum 	2102	WLL
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9 Feb 2016	B3 – Transport Systems in Plants and Animals <ul style="list-style-type: none"> - Blood system - Blood 	4105	CC
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	- Transport systems in plants		
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23 Feb 2016	P1 – Usefulness of Electrical Appliances - Transferring electrical energy	4113	NAF
23 Feb 2016	B2 – Organisms and their Environment - Distribution of organisms B2 – Proteins – Function and Uses - Proteins - Enzymes B2 – Aerobic and Anaerobic Respiration - Aerobic respiration - Anaerobic respiration	2112	SMO
23 Feb 2016	C3 – Calculating and Explaining Energy Change - Energy from reactions C3 – Further Analysis and Quantitative Chemistry - Analysing substances	3108	RC

1 Mar 2016	C1 – Changes in the Earth and its Atmosphere - Earth's crust Earth's atmosphere	4105	GIS
1 Mar 2016	C1 – Crude Oils and Fuels - Crude Oil - Hydrocarbons - Hydrocarbon fuels C1 – Useful Substances from crude Oil - Obtaining useful substances from crude oil - Polymers - Ethanol C1 – Plant oils and their Uses - Vegetable oils - Emulsions Saturated and unsaturated oils	3104	AQK

1 Mar 2016	P3 – Keeping Things Moving <ul style="list-style-type: none"> - Motor effect - Transformers 	2102	WLL
8 Mar 2016	C1 – Crude Oils and Fuels <ul style="list-style-type: none"> - Crude Oil - Hydrocarbons - Hydrocarbon fuels C1 – Useful Substances from crude Oil <ul style="list-style-type: none"> - Obtaining useful substances from crude oil - Polymers - Ethanol C1 – Plant oils and their Uses <ul style="list-style-type: none"> - Vegetable oils - Emulsions - Saturated and unsaturated oils 	4114	ZAK
8 Mar 2016	P2 – Currents in Electrical Circuits <ul style="list-style-type: none"> - Static electricity - Electrical circuits P2 – Mains Electricity <ul style="list-style-type: none"> - Household electricity - Current, charge and power 	4115	NAF
8 Mar 2016	B3 – Homeostasis <ul style="list-style-type: none"> - Removal of waste and hormonal control m- kidneys - Temperature control - Sugar control 	4105	CC
15 Mar 2016	P1 – Methods we use to Generate Electricity <ul style="list-style-type: none"> - Generating electricity - National grid 	4115	NAF
15 Mar 2016	B2 – Cell division <ul style="list-style-type: none"> - Cell division - Genetic variation - Genetic disorders B2 – Speciation <ul style="list-style-type: none"> - Old and new species 	4105	CC

15 Mar 2016	C3 – Production of Ammonia <ul style="list-style-type: none"> - Making ammonia C3 – Alcohols, Carboxylic Acids and Esters <ul style="list-style-type: none"> - Alcohols - Carboxylic acids - Esters 	4101	JSU
22 Mar 2016	C1 – Changes in the Earth and its Atmosphere <ul style="list-style-type: none"> - Earth's crust - Earth's atmosphere 	4101	JSU
22 Mar 2016	P2 – Radioactivity <ul style="list-style-type: none"> - Atomic structure - Atoms and radiation P2 – Nuclear Fission and Nuclear Fusion <ul style="list-style-type: none"> - Nuclear fission - Nuclear fusion 	4111	MI
22 Mar 2016	B3 – Humans and their Environment <ul style="list-style-type: none"> - Waste from human activity - Deforestation and the destruction of areas of peat - Biofuels - Food production 	4105	CC
12 April 2016	P1 – Waves <ul style="list-style-type: none"> - General properties of waves - Reflection - Sound - Red shift 	2112	JTO
12 April 2016	-	4107	TP
12 April 2016	Further Science – Drop In Session <ul style="list-style-type: none"> - B3 - C3 - P3 	4113	NAF

19 April 2016	Core Science Revision - B1 - C1 - P1	4105	MIA
19 April 2016	Extended Answer Questions – Additional Science	2112	ST
19 April 2016	Extended Answer Questions – Further Additional Science	2106	SMO

26 April 2016	Extended Answer Questions – Core Science	3108	RC
26 April 2016	Extended Answer Questions – Additional Science	4105	CC
26 April 2016	Extended Answer Questions – Further Additional Science	2112	ST

3 May 2016	Extended Answer Questions – Core Science	2112	ST
3 May 2016	B2 Revision - All topics	4106	CPC
3 May 2016	C3 Revision - All topics	4101	JSU

10 May 2016	B1 Revision (exam on Tuesday 17 May!!!) - All topics	4105	GIS
10 May 2016	C2 Revision - All topics	3108	RC
10 May 2016	P3 Revision - All topics	4111	MI

17 May 2016	C1 Revision (exam on Thursday 19 May!!!) - All topics	3104	AQK
17 May 2016	P2 Revision - All topics	4111	MI

17 May 2016	B3 Revision - All topics	4105	CC
24 May 2016	P1 Revision (exam on Wednesday 25 May!!!) - All topics	4113	NAF
24 May 2016	Additional Science Revision - B2 - C2 - P2	2112	ST
24 May 2016	Further Additional Science Revision - B3 - C3 - P3	2106	SMO