

**Science 2016-2017**

Scheme of Work map for all year groups 9, 10 and 11  
Miss Field (Subject Leader Science)

Scheme of  
Work Map



YEAR	MICHAELMAS TERM		LENT TERM		TRINITY TERM	
<b>9.1</b> (SFI)	5.1 Atomic Structure and the periodic table	6.5 Forces	4.1 Cell biology	5.2 Bonding, structure and the property of matter.	6.4 Atomic structure	4.2 Organisation
<b>9x</b> (GBU)	4.1 Cell biology	5.1 Atomic Structure and the periodic table	6.5 Forces	4.2 Organisation	5.2 Bonding, structure and the property of matter.	6.4 Atomic structure
<b>9y</b> (JRE)	6.5 Forces	4.1 Cell biology	5.1 Atomic Structure and the periodic table	6.4 Atomic structure	4.2 Organisation	5.2 Bonding, structure and the property of matter.
<b>10.1</b> (SFI)	4.2 Bonding, structure and the property of matter.	4.2/4.3 Organisation and infection and response	4.1/4.3 Energy and Atomic structure	4.3 Quantitative Chemistry	4.3 Homeostasis and response	4.2 Electricity
<b>10x</b> (GBU)	5.2 Bonding, structure and the property of matter.	4.2/4.3 Organisation and infection and response	6.1/6.4 Energy and Atomic structure	5.4 Chemical changes	4.5 Homeostasis and response	6.2 Electricity
<b>10y</b> (TWA)	5.2 Bonding, structure and the property of matter.	6.1/6.4 Energy and Atomic structure	4.2/4.3 Organisation and infection and response	6.2 Electricity	5.4 Chemical changes	4.5 Homeostasis and response



<b>11.1</b> <b>(SFI)</b>	<b>Completing P1</b> <b>C2</b> Structure, bonding and properties	<b>C2</b> Rates and energy and bond energy.	Cell, tissues, organs and organisms in the environment.	Motion, forces, work, energy and momentum	Electricity and radioactivity	Enzymes, respiration and inheritance
<b>11.2</b> <b>(GBU)</b>	<b>Completing C1</b> <b>B2</b> Cell, tissues, organs and organisms in the environment.	<b>B2</b> Enzymes, respiration and inheritance	Electricity and radioactivity	Rates and energy and bond energy.	Structure, bonding and properties	Motion, forces, work, energy and momentum

Both Year 11 Science groups will sit a 2014 AQA P1 and C1 exam in the first week of October and a B1 paper in November. 11.1 will sit B2 and C2 papers in February 2017 and 11.2 will sit a B2 paper. In March 2017 11.1 will sit a P2 paper and 11.2 will sit a C2 paper. All year 11 students will sit all unit 1 papers in the mock week.

Students in year 11 will have a formal assessment every 4 weeks either using whole past papers or exam questions from AQA exam pro. SFI will obtain the results plus for the 2016 GCSE results so that there can be analysis of the topic area that students found difficult and this can inform assessment topics.

Set 11.1 will complete 1 hour per week in tutor time. There will be a collapsed day every half term so that the students can complete the ISA coursework.

For the new specification the assessments are part of the taught course and these will be discussed at science meetings.

Year 9 and year 10 students also need to be regularly assessed. There are end of unit tests on the shared area and there are assessments in the Kerboodle resource. SFI to research for 'badger' style assessments to complement the assessment programme of exam papers and exam questions.