	Year 7 - CLF Scheme				Year 8
Date W/B	**NC topic**	**Exploring science topic**	**core practical**	**Key idea**	**Exploring science topic**
29-Aug-16	Pure and impure substances	CLF Baseline assessments			Periodic table
05-Sep-16		8E solutions including H&S			Periodic table
12-Sep-16		8E solutions			Periodic table
19-Sep-16	Cells and organisation	7A Cells/tissues/organs		Cells	8G Chemical changes & 9E Metals
26-Sep-16		7A Cells/tissues/organs			8G Chemical changes & 9E Metals
03-Oct-16	Current electricity	7J Electricity	Resistance in a wire		8G Chemical changes & 9E Metals
10-Oct-16		7J Electricity			8G Chemical changes & 9E Metals
17-Oct-16	Fuel calculations	7J Electricity			8G Chemical changes or metals exam??
24-Oct-16					
31-Oct-16	Reproduction	7B Reproduction **-include contraception**		Cells	8A Food & digestion
07-Nov-16					8A Food & digestio**n -include diffusion**
14-Nov-16	Particle model	7G Particles/states of matter		Particles	8A Food & digestio**n -include diffusion**
21-Nov-16	Physical changes	7G Particles **-include diffusion**			8K Light
28-Nov-16	Physical changes	7G Particles **-include diffusion**			8K Light
05-Dec-16		Revision			8K Light
12-Dec-16		CLF test week			8K Light exam
19-Dec-16					
26-Dec-16					
02-Jan-17	Chemical reactions (part)	7E Acids & alkalis	pH diffusion through agar jelly	Particles	7I Energy resources
09-Jan-17		7E Acids & alkalis			7I Energy resources
16-Jan-17		7E Acids & alkalis			7I Energy resources
23-Jan-17	Forces/balanced forces	7K Forces- include mass, weight		Forces	8C microbes
30-Jan-17		& speed			8C microbes
06-Feb-17		7K Forces include Hooke's law			8C Microbes exam
13-Feb-17					
20-Feb-17	Nutrition and digestion	8A Food & digestion		Cells	9B Fit & healthy - 8B respiration
27-Feb-17		8A Food & digestion			9B Fit & healthy - 8B respiration
06-Mar-17		8A Food & digestio**n & test?**			9B Fit & healthy - 8B respiration
13-Mar-17	Atoms and elements	Periodic table atoms & elements		Particles	8L Sound
20-Mar-17		Periodic table atoms & elements			8L Sound
27-Mar-17		Periodic table atoms & elements			8L Sound

03-Apr-17	Periodic table	Periodic table atoms & elements			8L Sound exam
10-Apr-17					
17-Apr-17					
24-Apr-17	Magnetism	8J Magnetism		Forces	9C photosynthesis
01-May-17		8J Magnetism			9C photosynthesis & carbon cycle
08-May-17	Microbes	8C microbes	Agar plates - washed and unwashed hands comparison	Cells	Global warming
15-May-17		8C microbes			8J Magnetism & static electricity
22-May-17		8C microbes			8J Magnetism & static electricity
29-May-17					
05-Jun-17	Energy changes & transfers	8I conduction convect & rad		Energy & particles	8I conduction convect & rad
12-Jun-17		8I conduction convect & rad			8I conduction convect & rad
19-Jun-17	Changes in systems	9I Energy			Revision week
26-Jun-17		Revision week			Revision week
03-Jul-17		End of year 7 CLF exam			End of year 8 exam
10-Jul-17	Not in GCSE	7L The solar system & beyond/ 7H8HRock cycle project work			Numeracy SOW
17-Jul-17					
24-Jul-17					

Year 9					
Year 9 GCSE route NEW SPEC 9-1	**core practicals for combined**	**Year 9 Triple Option NEW SPEC 9-1**	**core practicals for triple only**	**Yr9 Hwk**	**Year 10 NEW SPEC GCSE 9-1**
Chemistry paper 1 topics		Chemistry paper 1 triple topics		6 mark ques	Biology paper 1 topics
Chemistry topic 2 States of matter and mixtures	Core prac Distillation & chromatography	Chemistry paper 1 topic 5			Biology topic 1 Key concepts in biology
		Transition metals, alloys and corrosion			Biology topic 2 Cells and control
Chemistry topic 1 Key concepts in chemistry		Quantitative analysis	Core prac Titrations		Biology topic 3 Genetics
Chemistry topic 1 Key concepts in chemistry		Quantitative analysis	Core prac Titrations	6 mark ques	Biology topic 4 Natural selection and genetic modification
Chemistry topic 3 Chemical changes	Core prac pH & CaO	Dynamic equilibria			Biology topic 5 Health, disease and the development of medicines.
	Core prac prep of CuSO4				Revision week
	Core prac electrolysis				Biology paper 1 exam
Chemistry topic 4 Extracting metals and equilibria		Chemical cells and fuel cells		6 mark ques	Physics paper 1 topics
					Physics topic 2 Motion and forces
					Physics topic 3 Conservation of energy
Revision week		**Revision week**			
Chemistry paper 1 exam 70mins		Chemistry paper 1 exam 105 mins			Physics topic 4 Waves
Biology paper 1 topics		Biology paper 1 topics to depth		6 mark ques	Physics topic 4 Waves
Biology topic 1 Key concepts in biology	Core prac microscopes	Biology topic 1 Key concepts in biology	Core prac Food tests		Physics topic 5 Light & EMS
	Core prac pH & enzymes				
	Core prac osmosis				Physics topic 6 Radioactivity
Biology topic 2 Cells and control		Biology topic 2 Cells and control			Revision week

					Physics paper 1 exam 70 mins
Biology topic 3 Genetics		Biology topic 3 Genetics		6 mark ques	Chemistry paper 2 topics
					Chemistry topic 1 Key concepts in chemistry recap
Biology topic 4 Natural selection and genetic modification		Biology topic 4 Natural selection and genetic modification			Chemistry topic 6 Groups in the periodic table
Biology topic 4 continued		Biology topic 4 continued		6 mark ques	Chemistry topic 7 Rates of reaction and energy
Biology topic 5 Health, disease and the development of medicines		Biology topic 5 Health, disease and the development of medicines	Core prac Effects of antiseptics etc on microbial cultures		
Revision week		Revision week			Chemistry topic 8 Fuels and Earth science
Biology paper 1 exam 70 mins		Biology paper 1 exam 105 mins			
Reflection/planning/ core practical catch up week for students		Reflection/planning/ core practical catch up week for students			Chemistry paper 2 exam 70 mins

Year 10				Ye	
core practicals	**Year 10 Triple Option NEW SPEC 9-1**	**core practicals for triple only**	**YR10 HWK**	**Year 11 additional sci GCSE**	**Yr11 Hwk**
Core prac microscopes	Biology paper 1 topics to depth	Core prac Food tests	6 mark ques	B2 topic 1 the building blocks of cells	6 mark ques
Core prac pH & enzymes	Biology topic 1 Key concepts in biology				
Core prac osmosis					
	Biology topic 2 Cells and control			B2 topic 3 common systems	
	Biology topic 3 Genetics			B2 Mock exam	
	Biology topic 4 Natural selection and genetic modification		6 mark ques	C2 topic 1 Atomic structure and the periodic table	6 mark ques
	Biology topic 5 Health, disease and the development of medicines.	Core prac Effects of antiseptics etc on microbial cultures		C2 topic 4 Groups in the periodic table	
	Revision week			C2 topic 2 ionic compounds and analysis	
	Biology paper 1 exam			C2 topic 3 covalent cpds	
	Physics paper 1 triple topics		6 mark ques	& separation techniques	6 mark ques
Core prac F=ma	Physics topic 2 Motion and forces			C2 topic 5 chemical reactions	
	Physics topic 3 Conservation of energy				
	Physics topic 4 Waves			C2 topic 6 Quantitative chemistry	
Core prac speed of waves	Physics topic 5 Light & EMS	Core prac radiation and absorbtion		C2 Mock exam	
Core prac speed of waves	Physics topic 5 Light & EMS	Core prac radiation and absorbtion	6 mark ques	P2 topic 1 static and current electricity	6 mark ques
Core prac refraction	Physics topic 6 Radioactivity			P2 topic 2 controlling and using electric currents	
	Physics topic 7 Astronomy			P2 topic 3 motions and forces	
	Revision week				

	Physics paper 1 exam 105 mins			P2 topic 4 momentum energy work and power	
	Chemistry paper 2 triple topics		6 mark ques	P2 topic 5 Nuclear fission and fusion	6 mark ques
	Chemistry paper 2 topic 9	Core prac identify ions in unknown salts			
	Qualitative analysis			P2 topic 6 benefits and drawbacks of using radioactive materials	
	Hydrocarbons			revision	
Core prac Rates of reaction	Polymers		6 mark ques	B2 exam 9/6 am C2 exam 14/6 am, P2 exam 17/6 am	6 mark ques
	Alcohols and carboxylic acids	Core prac combustion of alcohols			
	Bulk and surface props of matter/nanoparticles				
	Chemistry paper 2 exam 105 mins				

ar 11		
Year 11 FAS	**Yr11 FASH wk**	**Date W/B**
B3 topic 2 behaviour	6 mark ques	29-Aug-16
		05-Sep-16
		12-Sep-16
B3 topic 3 biotechnology		19-Sep-16
		26-Sep-16
		03-Oct-16
B3 topic 1 control systems		10-Oct-16
		17-Oct-16
		24-Oct-16
	6 mark ques	31-Oct-16
		07-Nov-16
B3 mock exam		14-Nov-16
P3 topic 1		21-Nov-16
		28-Nov-16
P3 Topic 2		05-Dec-16
		12-Dec-16
		19-Dec-16
		26-Dec-16
P3 Topic 3	6 mark ques	02-Jan-17
		09-Jan-17
P3 topic 4		16-Jan-17
P3 topic 5		23-Jan-17
		30-Jan-17
P3 Mock		06-Feb-17
		13-Feb-17
C3 Topic 1 qualitative analysis	6 mark ques	20-Feb-17
		27-Feb-17
C3 Topic 2 quantitative analysis		06-Mar-17
		13-Mar-17
		20-Mar-17
C3 topic 3 Electrolytic processes		27-Mar-17

		03-Apr-17
		10-Apr-17
		17-Apr-17
C3 topic 4 Gases, equilibria, ammonia	6 mark ques	24-Apr-17
		01-May-17
C3 topic 5 Organic chemistry		08-May-17
C3 Mock exam		15-May-17
Revision B3,C3,P3		22-May-17
		29-May-17
Revision B3,C3,P3	6 mark ques	05-Jun-17
		12-Jun-17
B3 exam 19/6 am, C3 exam 21/6 am		19-Jun-17
P3 exam 23/6 am		26-Jun-17
		03-Jul-17
		10-Jul-17
		17-Jul-17
		24-Jul-17