



### Aims

1. Top 20% of similar schools
2. Teaching is good
3. 90% no behaviour codes
4. Attendance above 95%

### Priorities

1. Challenge in teaching
2. Approach to learning
3. Student leadership
4. Middle leadership
5. Reading
6. Sixth form

Week	36	37	38	39
W/C Date	25-Jun	2-Jul	9-Jul	16-Jul
Teacher 1 Topic	<b>Unit 1 Atomic Structure (L1 to L8)</b>			
Key Objectives	L1-5 Atoms, Elements, Compounds and Mixtures including 2 lessons of mixtures pracs.			
Assessment			C1 CMP 1	Green Pen CMP1
Req Pracs				

# GCSE Chemistry – Year 9 2018-2019

2 lessons per week

### Department Year 9 grades 4-8 long term plan

	Assessment weeks
	Moderation week
	Data Capture
	STAR marking
	Exit Poll

### Topics to be covered:

Chemistry
Atomic Structure and Periodic Table ( 16 lessons)
Structure Bonding and Properties (18 lessons)
Chemical Changes (20 lessons)
Energy Changes (8 Lessons)

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
W/C Date	03-Sep	10-Sep	17-Sep	24-Sep	01-Oct	08-Oct	15-Oct		29-Oct	05-Nov	12-Nov	19-Nov	26-Nov	03-Dec	10-Dec	17-Dec		
Teacher 1 Topic	<b>Unit 1 Atomic Structure and Periodic Table (L6 to L16)</b>							Atomic and P Table End of Topic Test	Green Pen /Intervention	<b>Unit 2 Structure and Bonding (L1 to L11)</b>								
Key Objectives	L6-8 Scientific model of the Atom, Structure of the atom, isotopes and electronic configuration			L9-14 – structure of patterns/trends in the Periodic Table						L1-5 Identify and describe the three types of chemical bonds L6 Particle model and state symbols.	L7-11 Properties of ionic, simple covalent, giant covalent compounds, Nano science and fullerenes.							
Assessment		C1 CMP 2	Green Pen CMP1				Unit C1 Test – Dept. Spreadsheet				C2 CMP 2	Green Pen CMP1			C2 CMP 3	Green Pen CMP3		
Req Pracs																		

Week	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
W/C Date	07-Jan	14-Jan	21-Jan	28-Jan	04-Feb	11-Feb		25-Feb	04-Mar	11-Mar	18-Mar	25-Mar	01-Apr	08-Apr		
Teacher 1 Topic	Modelling PPQs	Ionic/Covalent /Metallic Bonding Test	Green Pen /Intervention	<b>Finish S/B (L12 to L16)</b>				Structure/ Bonding End of Topic Test	Green Pen /Intervention	<b>Unit 4 Chemical Changes (L1 to 10)</b>						
Key Objectives				L12-16 Nano science and fullerenes						L1 – 5 – Reactivity Series/ Displacement reactions and extraction of metal ores.				L6 – 9 Acids, Alkalis and neutralisation		
Assessment				Average grade from C1 and C2 for DD1				Unit C2 Test – Dept. Spreadsheet		RP 4 Temperature changes in chemical reactions				RP 1 – Preparation of a dry salt from an insoluble oxide/carbonate.		
Req Pracs												C4 CMP 1	Green Pen CMP1	C4 CMP 2		



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	35	36	37	38	39	40	41	42	43	44	45	46	46
Week													
W/C Date	29-Apr	06-May	13-May	20-May		03-Jun	10-Jun	17-Jun	24-Jun	01-Jul	08-Jul	15-Jul	
Teacher 1 Topic	End of Year 9 Exams 1hr 45 mins Triple science (F).	Chemical Changes L11-14		Green Pen /Intervention	Unit 4 Chemical Changes (L12 to 20)					Unit 5 Energy Changes			
Key Objectives		L10 – 12 Reactions of acids and soluble salts L15 – Strong and weak acids (H)			Chemistry Triple Content: Titrations – procedure not calculations Use of pipette, burette, uncertainty calcs	L16-21 Electrolysis – introducing the electrolysis cell, electrolysis of metal oxides, electrolysis of solutions, half equations.			L1/2 Endo/Exothermic Theory 2 lessons for RP10 L3 Reaction Profiles		L4/5 Energy Changes in reactions		
Assessment		Moderation of marking	Data from Bio P1 used for DD2	Green Pen CMP2			Triple CMP Task Green Pen CMP1			C4 CMP 3	Green Pen CMP1		
Req Pracs		RP 1 – Preparation of a dry salt from an insoluble oxide/carbonate.			RP 2 - Titrations		RP 3 – Electrolysis of solutions			RP 4 Investigating Exo and Endothermic reactions.			