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

GCSE Chemistry – Year 10 2018-2019 2 lessons per week

Week	36	37	38	39	
W/C Date	25-Jun	2-Jul	9-Jul	16-Jul	
Teacher 1 Topic	Complete Green Pen and Intervention of the Y9 exam.	Unit 4 Chemical Changes L1-6			
Key Objectives		L1 – 5 – Reactivity Series/ Displacement reactions and extraction of metal ores.			
Assessment			C4 CMP 1	Green Pen CMP1	
Req Pracs	RP 4 Temperature changes in chemical reactions				

***Department* Year 10 grades 3-8 long term plan**

	Assessment weeks
	Moderation week
	Data Capture
	STAR marking
	Exit Poll

Key Skills to be Covered

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	Unit 4 Chemical Changes L6-15								Unit 4 Chemical Changes L16-21				Unit 5 Energy Changes (L1-6)					
Key Objectives	L4-5 Displacement Reactions and REDOX (HT)	L6 – 12 Acids, Alkalis and neutralisation and Soluble Salts L15 (H) Strong and weak acids			Chemical Changes mid test – L1-12	Green Pen Assessment L13 Titrations	L13-14 Triple Content titrations		L16-21 Electrolysis – introducing the electrolysis cell, electrolysis of metal oxides, electrolysis of solutions, half equations.			Chemical Changes Test and Green Pen Task.	L1/2 Endo/Exothermic Theory 2 lessons for RP10 L3 Reaction Profiles			L4/5 Energy Changes in reactions		
Assessment	C4 CMP 1	Green Pen CMP 1	C4 CMP 2	Green Pen CMP 2					CMP 1	Green pen STAR	C4 CMP 3	Green Pen CMP1			CMP1	Green Pen CMP1		
Req Pracs		RP 2 - Titrations			RP 1 – Preparation of a dry salt from an insoluble oxide/carbonate.				RP 3 – Electrolysis of solutions				RP 4 Investigating Exo and Endothermic reactions.					

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		
Topic	Unit 6 Rates of Reaction and reversible reactions (L1 - 12)							Unit 7: Organic Chemistry (L1-12)								
Key Objectives	L1a/1b Measuring the rate of reaction L1c The Collision Theory	L2/3 Effect of temperature/ Concentration on the rate of reaction.	L4/5 – Effect of Surface Area and catalysts on rate of reaction.	L6-7 Spend 3 lessons on RP11a and RP11b	L8 Reversible reactions L9/10 HT – Le Chatalier incl lesson on modelling PPQs	Rates of Reaction End of Unit Test and green pen test		L1 Hydrocarbons L2a Fractional Distillation	L2 Alkanes L3 Alkenes	L5 Combustion L6 Cracking	L7 Reactions of alkenes L8 Alcohols	L9 Carboxylic Acids L10 Addition Polymers	L11 Condensation Polymers L12 DNA and amino Acids	L13 Biological Molecules		
Assessment		Rates CMP 1	Green Pen CMP1		Rates CMP 2	Green Pen CMP2			CMP 1	Green Pen CMP1		CMP 2		Green Pen CMP2		
Homework																
Req Pracs	RP5 - Rates of Reaction Investigations															

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	35	36	37	38	39	40	41	42	43	44	45	46	46
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	
Topic	Organic Chemistry End of Unit Test	Paper 1 Revision Chemistry Units C1 to C4				Year 10 Mock Exams – Full AQA Paper 1: 1hr 45min							
Key Objectives													
Assessment													
Req Pracs													