



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	B4a Plant Biology (L1-9)			
Key Objectives	L1 -3 Plant cells and specialised cells Microscope RP opportunity	L4-5 Plant tissues and organisation	L6-7 Plant Diseases	
Assessment				
Req Pracs	RP 1 – Use of a light microscope			
Teacher 2 Topic	Atomic (L1-8)			
Key Objectives	L1/2 Atomic structure and scientific models	L3-6 Radioactivity/ Nuclear decay and Half lives	L7/8 Background radiation Nuclear fission and fusion	Revision and modelling PPQs
Assessment		Particles CMP 1	Green Pen CMP1	
Req Pracs				

GCSE Combined Science – Year 10 2018-2019

6 lessons per week (3 per staff member)

Department Year 10 grades 3-8 long term plan

Assessment weeks
Moderation week
Data Capture
STAR marking
Exit Poll

Key Skills to be covered

Biology	Chemistry	Physics
Plant Biology (12)	Chemical Changes (20)	Atomic (10)
Bioenergetics (12)	Energy Changes (8)	Forces B (18)
Homeostasis and Response (15)	Rates of Reaction (15)	Waves (20 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	Bioenergetics (L1-12)				Plant Biology and Bioenergetics Test	Green Pen /Intervention	Chemical Changes L1-3		Chemical Changes (L4-20)										
Key Objectives	L1-5 Photosynthesis and factors affecting the rate of Photosynthesis/Uses of Glucose / RP 5		L5 – 10 Respiration/Exercise and metabolism.				Reactivity Series and Displacement		L1 – 5 – Reactivity Series/ Displacement reactions and extraction of metal ores.		L6 – 12 Acids, Alkalis and neutralisation and Soluble Salts L15 (H) Strong and weak acids		L16-20 Electrolysis L20 (H) Half equations and ionic equations Revision opportunity if time available.						
Assessment			Bioenergetics CMP1	Green Pen CMP1						CC CMP 1	Green Pen CMP1		CC CMP 2	Green Pen CMP1					
Req Pracs	RP 5 Investigating Photosynthesis								RP 10 Temperature changes in chemical reactions	RP 8 – Preparation of a dry salt from an insoluble oxide/carbonate.		RP9 – Electrolysis of Aqueous Solutions							
Teacher 2 Topic	Forces B (L1-10)				Atomic End of unit Test Tests	Green Pen /Intervention	Forces B		Forces B (L12-18)				Energy Changes (L1-6)						
Key Objectives	L1-3 Distance and speed calculations.	L4- 6 Distance/Time and Velocity/Time graphs	L7-9 Terminal Velocity and Newtons Laws.	Revision lesson on Atomic			L10 Stopping Distances		L11- 12 Energy changes and reactions times.	L13-14 Momentum	Revision and modelling PPQs	Forces End of topic test	Green Pen /Intervention	L1/2 Endo/Exothermic Theory 2 lessons for RP10 L3 Reaction Profiles	L4/5 Energy Changes in reactions				
Assessment																			
Req Pracs	RP 19 – Investigate the effect of force on acceleration													RP 10 Investigating Exo and Endothermic reactions.					

