



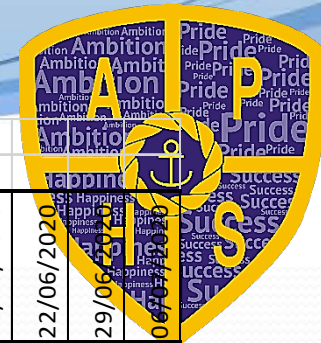
Science Curriculum Overview

Science Department



Science

Value	Intent
Ambition	That all students see the impact that Science has on their lives and futures. That all students regardless of ability gain an innate love of Science and what Science can help them achieve. To want to understand difficult concepts and processes.
Pride	Science enables all to demonstrate their success either through written work or practical work, so all can take pride in their accomplishments. Assessment in Science allows students to feel proud of their progress.
Happiness	To learn to conduct practical work correctly and to learn about how to keep themselves and others healthy and safe. To be curious and amazed.
Success	Having a love of the world around them and becoming successful and accomplished adults who are independent, knowledgeable and skilful.



Year 7 Long Term Plan, 2019-20

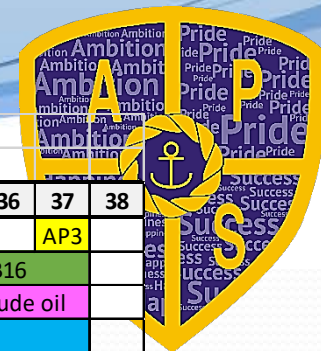
	02/09/2019	09/09/2019	16/09/2019	23/09/2019	30/09/2019	07/10/2019	14/10/2019	28/10/2019	04/11/2019	11/11/2019	18/11/2019	25/11/2019	02/12/2019	09/12/2019	16/12/2019	06/01/2020	13/01/2020	20/01/2020	27/01/2020	03/02/2020	10/02/2020	24/02/2020	02/03/2020	09/03/2020	16/03/2020	23/03/2020	30/03/2020	20/04/2020	27/04/2020	04/05/2020	11/05/2020	18/05/2020	01/06/2020	08/06/2020	15/06/2020	22/06/2020	29/06/2020	06/07/2020							
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38							
AP's									PE											AP1																			AP2						
Bio	Intro Lessons		7.8 - Organisms*										Topic 7.9 - Ecosystems										Topic 7.10 - Genes*										Topic 7.7 - Earth (i)					Intervention							
Chem			Topic 7.5 - Matter*																				Topic 7.6 - Reactions*										Topic 7.7 (Earth ii)												
Phys			7.1 Forces*										7.2 Electromagnets										7.3 - Energy*										7.4 Waves										Intervention		

Year 8 Long Term Plan, 2019-20

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
AP's									AP1																AP2				PE											
Bio	8A - Food and Nutrition*										8B - Plants and Reproduction										8C - Breathing and Respiration*										8D - Unicellular Organisms									
Chem	8E - Combustion*										8F - Periodic Table										8G - Metals and Uses*																			
Phys	8K - Energy Transfers*										8J - Light*										8I - Fluids																			

Year 9 Long Term Plan

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38		
AP's								AP1								AP2								PE																
Bio	B1 - Cells and Organisation												B2 - Cell Division						B3 - Organisation						B4 - Organising Animals and Plants															
Chem	C1 - Atomic Structure												C2 - The Periodic Table												C3 - Structure and Bonding															
Phys	P1 - Conservation and Dissipation of Energy																P2 - Energy Transfer by Heating												Intervention											



year 10	Separates																																															
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38										
AP's													AP1											PE					AP2									AP3										
Bio	B5						B6						B7						B8						B9						B10						B11						B16					
Chem	chapter 4 chem calculations						C5 Chemical changes						C6 electrolysis						C7 energy changes						C8 Rates and equilibrium												C9 crude oil											
Phys	P3						P4						P5						P6						P7						P8						P9											

year 10	Trilogy																																									
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
AP's													AP1											PE					AP2										AP3			
Bio	B5						B6						B7						B8						B9						B10						B11					
Chem	chapter 4 chem calculations						C5 Chemical changes						C6 electrolysis						C7 energy changes						C8 Rates and equilibrium																	
Phys	P3						P4						P5						P6						P7						P8											

year 11	Separates																																															
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38										
AP's						Atl					ME			AP1					PE			ME				AP2																						
Bio	B12						B13						B14						B15						B17						B18						REVISION											
Chem	C10 Organic chem						C11 Polymers						C12 Chemical analysis						C13 earth atmos						C14 earth resources						c15 using resources						revision											
Phys	P10						P11						P12						P13						P14						P15						P16						REVISION					

year 11	Trilogy																																									
Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
AP's						Atl					ME			AP1					PE			ME				AP2																
Bio	B13						B14						B15						B16						B17						B18						REVISION					
Chem	C12 Chem changes						c13 earth atmosphere						C14 earths resources						revision																							
Phys	P9						P10						P12						P13						P15						REVISION											