

Highfields Scheme of Work Summary

COURSE/SUBJECT TITLE:	Combined Science	EXAM / AWARD BODIES: (IF APPROPRIATE)	GCSE - Pearson Edexcel
KEY STAGE:	KS4		
MAIN TEACHERS:	BOK, NHA		

SUMMARY OF LEARNING ACTIVITY TYPES: (These should relate to Schemes of Work activities).

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|---------------|---------------------------------------|-------|------------------------|
| Very Frequent | - Approximately every week | Rare | - Less than occasional |
| Frequent | - Approximately 1 - 2 times per month | Never | - Never |
| Occasional | - Approximately 1 - 2 times per term | | |

	<u>Very Frequent</u>	<u>Frequent</u>	<u>Occasional</u>	<u>Rare</u>	<u>Never</u>		<u>Very Frequent</u>	<u>Frequent</u>	<u>Occasional</u>	<u>Rare</u>	<u>Never</u>
Teacher Talk	x					Art / Creative				x	
Discussion / Q & A	x					'Hands-On' Practicals	x				
Problem-Solving	x					Physical Challenge					x
Research			x			Group-work		x			
Extended Reading		x				Role-play			x		
Extended Writing						Offsite Visits				x	
ICT Presentations		x				Other (please state)					
Video	x										

SUMMARY OF SUB-TOPICS / UNITS OF STUDY

Sub-Topic / Unit of Study Title	Typical Length of Time (Term / Half-Term / Weeks / Months)
Biology 1A: Cells, Genetics, Inheritance and Modification	Half-Term (Autumn Term 1)
Biology 1B: Health, Diseases, Prevention & the Development of Medicines	Half-Term (Autumn Term 2)
Chemistry 1A: States of Matter and the Different Methods of Separation; Atomic Structure & The Periodic Table, Properties of Metals and non-metals. Isotopes	Half-Term (Spring Term 1)
Chemistry 1B: Ionic bonding, Covalent bonding and Metallic Bonding; Formation of Ionic compounds, Properties and the Structure of Ionic Compounds	Half-Term (Spring Term 2)
Physics 1A: Forces, Movement and Energy	Half-Term (Summer Term 1)
Physics 1B: Waves, Electromagnetic Spectrum, Atoms, Radiation	Half-Term (Summer Term 2)