

Y7 Autumn term overview

	Lesson	HLT	AT1 skills	Literacy	Numeracy
Working scientific WS1	1. Asking scientific questions		Identifying variables		
	2. Planning investigations		Risk assessment	Writing up a plan	
	3. Recording data				Calculating a mean, Interpreting data
	4. Analysing data		Selecting graphs		Drawing graphs
	5. Evaluating data	HLT1 - Checkpoint assessment- Auto-marked		Reading methods, writing task for plenary	
Biology B1	1. Observing cells				
	2. Plant and animal cells	HLT 2 - Chapter 1 progress task: Maths task - Teacher marked	Risk assessment	Summarising function of parts of cells	
	3. Specialised cells				
	4. Movement of substances		Recording observations		Extension: Calculating surface area
	5. Unicellular organisms	HLT 3 - Checkpoint assessment- Automarked		Design a unicellular organism	
	6. B1.1 Checkpoint lesson			Writing methods	
Chemistry C1	1. The particle model				
	2. States of matter				Interpreting data
	3. Melting and freezing		Results tables		Drawing graphs
	4. Boiling	HLT 4- Progress task - Literacy skills - Teacher marked			Drawing and interpreting graphs
	5. More changes of state			Writing methods	
	6. Diffusion		Identifying variables		Calculating means

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	7. Gas Pressure	HLT 5 - Checkpoint assessment- Automarked			
	8. C1.1 Checkpoint lesson				
Physics P1	1. Introduction to forces			Writing clear descriptions of forces using key words	
	2. Squashing and stretching		Presenting data in tables and graphs		Plotting data on line graph
	3. Drag forces and friction	HLT 6- Big write: Mission to Mars	Identifying variables		
	4. Forces at a distance		Presenting data in tables and graphs	Writing to a range of audience	Reading data from graphs
	5. Balanced and unbalanced	HLT 7- Checkpoint assessment - Automarked	Tables and graphs		Calculating mean averages
	6. P1.1 Checkpoint lesson				