

Science Overview — Year 7



	Units	Assessment	Homework
Autumn	Skills Introduction to laboratory equipment, working scientifically and working safely	End of Unit Test	
	Cells Introduction to plant and animal cells, specialised cells, diffusion & unicellular organisms.	End of Unit Test Literacy task	Making a model cell / broadsheet
	Particles An introduction to states of matter, elements, mixtures and compounds and separation techniques.	End of Unit Test Context questions	Literacy booklet / broadsheet
	Sound An introduction to waves, hearing, echoes & ultrasound	End of Unit Test Context question	Numeracy booklet / broadsheet
	Mid-Year Exam		
Spring	Body Systems An introduction to cells, tissues & organs, the respiratory system, the skeleton and movement.	End of Unit Test Literacy task	Literacy task / broadsheet
	Light Waves, reflection, refraction, sight & colour.	End of Unit Test Context question	Context question / broadsheet
	The Earth An introduction to the Earth & its atmosphere. The rock cycle, recycling useful resources, the carbon cycle and climate change.	End of Unit Test Literacy task	Rock cycle / broadsheet
	Energy An introduction to food & fuels, energy transfers, energy resources and energy & work calculations.	End of Unit Test Context question	Broadsheet and end of year exam revision

Summer	Plants An introduction to plant structure, plant reproduction, photosynthesis, chemosynthesis, ecosystems, food chains and webs.	End of Unit Test Literacy test	Literacy task / broadsheet
	The Periodic Table An introduction to the periodic table and key groups, atoms, elements and chemical formulae.	End of Unit Test Literacy task	Literacy task / broadsheet
	End of Year Exam		
	Space An introduction to our solar system, the Earth in the solar system and the moon.	End of Unit Test Context question	Phases of the moon diary / broadsheet