Long-term planning

Science - Year 7

7	Autumn term 1		Autumn term 2		Spring term 1		Spring term 2		Summer term 1		Summer term 2
Unit	Forces	Solids. Liquids and gases	Cells	Inheritance and the genome	Substances and mixtures	Sound and light		Organs and systems	Separating techniques	Solar system	Classification and variation
	Types of forces Measuring forces Using force arrows Balanced and unbalanced forces Energy stores and transfers	Bunsen burners Melting and freezing Gases Boiling, evaporation and condensation Air pressure	Life processes Microscopes Animal and plant cells Robert Hooke Specialised cells Uni and multicellular Diffusion	Heredity and genetic information DNA structure, discovery and extraction Chromosomes and genes	Pure substances and mixtures Diffusion Mixtures and solutions Dissolving and solubility	Vibrations Sound as an energy transfer Absorbing and reflecting sound Shadows Reflection		Cells tissues and organs Human muscles and skeleton Movement and biomechanics Digestion and enzymes Food tests Bacteria and digestion Absorption and transportation	Separating soluble and insoluble substances from a liquid Separating liquids Distillation Chromatography	Planet Earth and the Solar system Gravity Stars, galaxies and the Universe Earth's tilt and seasons Changing ideas about the Earth	Classification and species Classification keys Classification in the field Classification at cellular level Reproduction within species Variation within species Continuous and discontinuous variation
		Summative Assessment									
	End of unit test.	End of unit test.	End of unit test.	End of unit test.	End of unit test.	End of u	ınit	End of unit test.	End of unit test.	End of unit test.	End of unit test.
		Formative Assessment									
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