



THE WELLS ACADEMY

Faculty:	Science	Subject:	Science
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Year: 7						
Half-Term:	Half-Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half-Term 5	Half-Term 6
Learning:	Working Scientifically- Welcome to Science Fi3-ORGANISMS: Cells	Fi1-MATTER: Particles Fi5- FORCES: Forces & motion	Fi1- MATTER: Elements, Compounds & Mixtures Fi2- ENERGY: Energy transfers & resources	Fi6- GENETICS: Reproduction Fi9- WAVES: Wave properties & sound	Fi7- REACTIONS: Metal reactions Fi10-ELECTRICITY & MAGNETISM: Magnets & Electromagnets	Fi7- REACTIONS: Acids & Alkalis Fi8- ORGANISMS & THE ENVIRONMENT: Ecology
Assessment:	Cells assessment	Particles assessment Forces & motion assessment	Fi1 assessment Energy transfers & resources,	Reproduction assessment Waves properties & sound assessment	Metal reactions assessment Magnets & Electromagnets assessment	Fi7 assessment Ecology assessment

Year: 8						
Half-Term:	Half-Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half-Term 5	Half-Term 6
Learning:	Fi6-GENETICS: Inheritance & Variation	Fi2-ENERGY: Heating & Cooling Fi3-ORGANISMS: Fit & Healthy	Fi1-MATTER: Separating mixtures Fi4- EARTH & SPACE: Rocks & the rock cycle	Fi3- ORGANISMS: Nutrition & Digestion Fi10- ELECTRICITY & MAGNETISM: Electricity	Fi9- WAVES: Light & Wave effects Fi7- REACTIONS: Rates & Energetics	Fi5-FORCES: Introduction to Forces & Motion Fi1-MATTER: The Periodic table Working scientifically strand 1: Development of Scientific thinking
Assessment:	<ul style="list-style-type: none"> Fi6 assessment 	<ul style="list-style-type: none"> Fi2 assessment Fi3 assessment 	<ul style="list-style-type: none"> Fi1 assessment Rocks & the rock cycle assessment 	<ul style="list-style-type: none"> Fi3 assessment Fi10 assessment 	<ul style="list-style-type: none"> Fi9 assessment Fi7 assessment 	<ul style="list-style-type: none"> Fi5 assessment Fi1 assessment

Year: 9						
Half-Term:	Half-Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half-Term 5	Half-Term 6
Learning:	Fi1- MATTER: First Principles Fi6- GENETICS: Classification	Fi4- EARTH & SPACE: Earth materials Working scientifically strand 3: Analysis & Evaluation Working scientifically strand 4: Scientific language & quantities	Fi3- ORGANISMS: Cell Biology Fi2- ENERGY: Introduction to energy	Fi3- Organisms: Cell Biology Fi2- Energy: Introduction to energy	Fi1- MATTER: Atomic structure & the periodic table Fi3- ORGANISMS: Cell organisation	Fi1-MATTER: Structure & bonding Working Scientifically: Introduction to required practical work
Assessment:	<ul style="list-style-type: none"> Fi1 Matter Fi6 Genetics 	<ul style="list-style-type: none"> Fi4 Earth & Space 	<ul style="list-style-type: none"> Working Scientifically assessment 	<ul style="list-style-type: none"> Cell Biology assessment Introduction to energy assessment 	<ul style="list-style-type: none"> Atomic structure & the periodic table assessment Cell Organisation assessment 	<ul style="list-style-type: none"> Structure & bonding assessment



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Year: 10						
Half-Term:	Half-Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half-Term 5	Half-Term 6
Learning:	Fi3- ORGANISMS: Infection & response Fi10- ELECTRICITY & MAGNETISM: Electricity	Fi10- ELECTRICITY & MAGNETISM: Electricity Fi7- REACTIONS: Quantitative Chemistry Fi3- ORGANISMS & Fi7- REACTIONS: Bioenergetics Fi7- REACTIONS: Chemical changes	Fi7- REACTIONS: Chemical changes Fi7- REACTIONS: Energy changes Fi1- MATTER: The Particle model	Fi1- MATTER: The Particle model Fi1-MATTER: Atomic structure Working Scientifically strand 1: Development of Scientific thinking Working Scientifically strand 3: Analysis & Evaluation Working Scientifically strand 2: Experimental skills & strategies WS4 Scientific language & quantities	Working Scientifically strand 2: Experimental skills & strategies Working Scientifically strand 4: Scientific language & quantities Fi6- FORCES: Forces & motion	Fi6- FORCES: Forces & motion Fi3- ORGANISMS: Homeostasis & response
Assessment:	<ul style="list-style-type: none"> Infection & response assessment 	<ul style="list-style-type: none"> Electricity assessment Bioenergetics assessment 	<ul style="list-style-type: none"> Chemical changes assessment Energy changes assessment 	<ul style="list-style-type: none"> The particle model assessment Atomic structure assessment 	<ul style="list-style-type: none"> Homeostasis and response assessment 	<ul style="list-style-type: none"> End of Year 10 mock exam

Year: 11						
Half-Term:	Half-Term 1	Half-Term 2	Half-Term 3	Half-Term 4	Half-Term 5	Half-Term 6
Learning:	Fi5- FORCES: Forces & motion Fi3- ORGANISMS: Homeostasis & response Fi7-REACTIONS: Rates of reaction	Fi5-FORCES: Forces & motion Fi7-REACTIONS: Rates of reaction Fi6-GENETICS: Inheritance, Variation & Evolution Fi7-REACTIONS: Rates of reaction Fi1/Fi7- MATTER & REACTIONS: Organic chemistry Fi9- WAVES: Waves	Fi10- ELECTRICITY & MAGNETISM: Magnets & Electromagnets Fi6-GENETICS: Inheritance, Variation & Evolution Fi8-ORGANISMS IN THE ENVIRONMENT: Ecology Fi7-REACTIONS: Chemical analysis Fi4-EARTH & SPACE: Chemistry of the atmosphere	Fi8-ORGANISMS IN THE ENVIRONMENT: Ecology Fi4-EARTH & SPACE: Chemistry of the atmosphere Fi4- EARTH & SPACE: Using resources	Final exam preparation	Final exam preparation
Assessment:	Homeostasis & response assessment	Year 11 mock exams Rates of reaction assessment	Magnets & Electromagnets assessment Inheritance & variation assessment	Year 11 mock exams	GCSE Science exams	GCSE Science exams