



Science Year 7 Curriculum Map/Sequencing 2023-2024

For Skills please see relevant SOW

<https://ctk.fireflycloud.net/science/science-staff-pages/sow-all/year-7-science-sow>

	Year 7 (All sets)			
	Biology	Chemistry	Physics	Working Scientifically
04/09/2023- 16/10/2023	<u>Unit B1 Cells (LC):</u> FA- 'Model Cells'	<u>Unit C1 Particles & their behaviour:</u> FA- 'Sugar in a cup of tea' Mini checkpoint assessment 1	<u>Unit P1 Forces:</u> FA-tbc Mini checkpoint assessments 1,2 & 3	<u>WS1 Introduction to WS:</u> FA- 'Planning my first Investigation'
30/10/2023- 22/12/2023	<u>Unit B1 Cells:</u> Mini checkpoint assessments 1,2 & 3 Revision lesson Cells- Homework booklet Checkpoint assessment <u>Unit B2 Structure & Function of Body Systems:</u> FA-tbc Mini checkpoint 1 & 2	<u>Unit C1 Particles & their behaviour:</u> Mini checkpoint assessments 2 & 3 Revision lesson Particles- Homework Checkpoint assessment <u>Unit C2 Elements, atoms & compounds:</u> FA- 'Iron & Sulfur Reaction' Mini-checkpoints 1& 2 Revision lesson E, A & C- Homework Checkpoint assessment	<u>Unit P1 Forces:</u> Revision lesson Forces-Homework Checkpoint assessment <u>Unit P2 Sound:</u> Mini-checkpoint assessment 1 FA- 'Ear defenders' <u>Unit P4 Space:</u> Mini checkpoint 1	<u>WS1 Introduction to WS:</u> Revision lesson WS1- Homework Revision lesson WS1- Test

08/01/2024-19/01/2024	SUMMATIVE EXAM 1 FOCUS			
22/01/2024-08/02/2024	<u>Unit B2 Structure & Function of Body Systems:</u> Revision lesson Mini checkpoint assessment 3 S& F-Homework Checkpoint assessment	<u>Unit C3 Reactions:</u> FA-‘Investigation’ Mini checkpoint 1	<u>Unit P2 Sound:</u> Mini checkpoint assessments 2 & 3 Sound-Homework <u>Unit P4 Space:</u> FA-‘Solar System- Literacy’ Mini checkpoint 2	<i>Delivery through Biology, Chemistry & Physics SOW (see SOW-Firefly/Activate)</i>
19/02/2024-28/03/2024	<u>Unit B3 Reproduction</u> Mini checkpoint assessment 1	<u>Unit C3 Reactions:</u> FA- tbc Mini checkpoints 2 & 3 Revision lesson Reactions- Homework Checkpoint assessment	<u>Unit P2 Sound:</u> Revision lesson Checkpoint assessment <u>Unit P3 Light:</u> FA-‘Law of Reflection’ <u>Unit P4 Space:</u> Revision Lesson Space-Homework Checkpoint assessment	<i>Delivery through Biology, Chemistry & Physics SOW (see SOW-Firefly/Activate)</i>
15/04/2024-24/05/2024	<u>Unit B3 Reproduction</u> FA-‘Race to make a baby’ Mini checkpoint 2 Reproduction- Homework Checkpoint assessment	<u>Unit C4: Acids:</u> FA- ‘Investigating Heartburn’ Mini checkpoints 1,2 &3 Revision lesson Acids- Homework Checkpoint assessment	<u>Unit P3 Light:</u> Mini checkpoint assessments 1,2 & 3 Light-Homework	<u>Unit WS2: Working Scientifically</u> FA-tbc Mini checkpoint 1 Revision lesson
03/06/2024-21/06/2024	<u>Unit B3 Reproduction</u> Revision lesson Mini checkpoint assessment 3 Checkpoint assessment	‘Gaps in knowledge’/Progress check	<u>Unit P3 Light:</u> Revision lesson Checkpoint assessment	<u>Unit WS2: Working Scientifically</u> FA-tbc Mini checkpoints 1,2 &3 Revision lesson WS2-Homework Checkpoint assessment

24/06/2024-05/07/2024	SUMMATIVE EXAM 2 FOCUS			
08/07/2024-19/07/2024	'Gaps in Knowledge'	'Gaps in Knowledge'	'Gaps in Knowledge'	'Gaps in Knowledge'



Science Year 8 Curriculum Map/Sequencing 2023-2024

For Skills please see relevant SOW

<https://ctk.fireflycloud.net/science/science-staff-pages/sow-all/year-8-science-sow>

	8 set A1	8 set A2	8 set B1	8 set B2
04/09/2023-10/11/2023	<p>Unit 9: Heating & Cooling (SC):</p> <p>'How does the metal spoon get hot?' - Level ladder Additional Level ladder: 'Conductors and Insulators' Heating & Cooling- Homework booklet Revision Lesson Heating & Cooling-: End of Unit Test</p> <p>Unit 10: Light (SC)</p> <p>Light Investigation- Level ladder Light: Homework booklet Revision Lesson Light: End of Unit Test</p> <p>Unit 11: Sound (SC)</p> <p>Sound: 'Why do we need to wear ear-defenders?'- Level ladder Sound- - Homework booklet Revision Lesson Sound-: End of Unit Test</p>	<p>Unit 5: The Periodic Table (CB)</p> <p>What gas is in a crisp packet?- Level ladder Periodic Table- Homework booklet Revision Lesson Periodic Table: End of Unit Test</p> <p>Unit6: Inside Materials (CB)</p> <p>Global Warming Presentation Plastic bags letter- Level ladder Inside Materials- Homework booklet Revision Lesson Inside Materials: End of Unit Test</p> <p>Unit 7: Metals & their Reactions (CB)</p> <p>Reactivity Series Investigation- Level ladder Metals- Homework booklet Revision Lesson Metals: End of Unit Test</p>	<p>Unit 9: Heating & Cooling (SC):</p> <p>'How does the metal spoon get hot?' - Level ladder Additional Level ladder: 'Conductors and Insulators' Heating & Cooling- Homework booklet Revision Lesson Heating & Cooling-: End of Unit Test</p> <p>Unit 10: Light (SC)</p> <p>Light Investigation- Level ladder Light: Homework booklet Revision Lesson Light: End of Unit Test</p> <p>Unit 11: Sound (SC)</p> <p>Sound: 'Why do we need to wear ear-defenders?'- Level ladder Sound- - Homework booklet Revision Lesson Sound-: End of Unit Test</p>	<p>Unit 1: Life Support (LC)</p> <p>Life Support 'The journey of a cheese sandwich' cartoon- Level ladder Life Support - Homework booklet Revision Lesson Life Support -End of Unit Test</p> <p>Unit 2: Keeping Healthy(LC)</p> <p>Keeping Healthy 'The dodgy BBQ' cartoon - Level ladder 'Testing Antimicrobials Experiment write up'- optional level ladder Keeping Healthy -Homework booklet Revision Lesson Keeping Healthy: End of Unit Test</p> <p>Unit 3:People and the Environment (LC):</p> <p>'The Photosynthesis Experiment' write up - Level ladder Optional: 'How Plants Grow' – level ladder People and Environment - Homework booklet Revision Lesson</p>

				People and Environment: End of Unit Test
13/11/2023-12/01/2024	<p>Unit 5: The Periodic Table (CB)</p> <p>What gas is in a crisp packet?- Level ladder Periodic Table- Homework booklet Revision Lesson Periodic Table: End of Unit Test</p> <p>Unit6: Inside Materials (CB)</p> <p>Global Warming Presentation Plastic bags letter- Level ladder Inside Materials- Homework booklet Revision Lesson Inside Materials: End of Unit Test</p> <p>Unit 7: Metals & their Reactions (CB)</p> <p>Reactivity Series Investigation- Level ladder Metals- Homework booklet Revision Lesson Metals: End of Unit Test</p>	<p>Unit 9: Heating & Cooling (SC):</p> <p>‘How does the metal spoon get hot?’ - Level ladder Additional Level ladder: ‘Conductors and Insulators’ Heating & Cooling- Homework booklet Revision Lesson Heating & Cooling-: End of Unit Test</p> <p>Unit 10: Light (SC)</p> <p>Light Investigation- Level ladder Light: Homework booklet Revision Lesson Light: End of Unit Test</p> <p>Unit 11: Sound (SC)</p> <p>Sound: ‘Why do we need to wear ear-defenders?’- Level ladder Sound- - Homework booklet Revision Lesson Sound-: End of Unit Test</p>	<p>Unit 1: Life Support (LC)</p> <p>Life Support ‘The journey of a cheese sandwich’ cartoon- Level ladder Life Support - Homework booklet Revision Lesson Life Support -End of Unit Test</p> <p>Unit 2: Keeping Healthy(LC)</p> <p>Keeping Healthy ‘The dodgy BBQ’ cartoon - Level ladder ‘Testing Antimicrobials Experiment write up’- optional level ladder Keeping Healthy -Homework booklet Revision Lesson Keeping Healthy: End of Unit Test</p> <p>Unit 3: People and the Environment (LC):</p> <p>‘The Photosynthesis Experiment’ write up - Level ladder Optional: ‘How Plants Grow’ – level ladder People and Environment - Homework booklet Revision Lesson People and Environment: End of Unit Test</p>	<p>Unit 9: Heating & Cooling (SC):</p> <p>‘How does the metal spoon get hot?’ - Level ladder Additional Level ladder: ‘Conductors and Insulators’ Heating & Cooling- Homework booklet Revision Lesson Heating & Cooling-: End of Unit Test</p> <p>Unit 10: Light (SC)</p> <p>Light Investigation- Level ladder Light: Homework booklet Revision Lesson Light: End of Unit Test</p> <p>Unit 11: Sound (SC)</p> <p>Sound: ‘Why do we need to wear ear-defenders?’- Level ladder Sound- - Homework booklet Revision Lesson Sound-: End of Unit Test</p>
15/01/24-19/01/24	SUMMATIVE EXAM 1 FOCUS			
22/01/2024-22/03/2024	<p>Unit 12: Moving Around (SC)</p> <p>Moving Around: ‘Levers’ - Level ladder Moving Around -Homework booklet Revision Lesson Moving Around: End of Unit Test</p>	<p>Unit 1: Life Support (CB)</p> <p>Life Support ‘The journey of a cheese sandwich’ cartoon- Level ladder Life Support - Homework booklet Revision Lesson Life Support -End of Unit Test</p>	<p>Unit 12: Moving Around (SC)</p> <p>Moving Around: ‘Levers’ - Level ladder Moving Around -Homework booklet Revision Lesson Moving Around: End of Unit Test</p> <p>Unit 5: The Periodic Table (SC)</p>	<p>Unit 4: Interdependence (SC):</p> <p>‘Huddling Penguins Experiment’ -Level ladder Optional ‘Social animals’ – level ladder Interdependence - Homework booklet Revision Lesson Interdependence: End of Unit Test</p>

	<p>Unit 3: Plants and the Environment (LC):</p> <p>‘The Photosynthesis Experiment’ write up - Level ladder Optional: ‘How Plants Grow’ – level ladder Plants and Environment - Homework booklet Revision Lesson Plants and Environment: End of Unit Test</p> <p>Unit 4: Interdependence (SC):</p> <p>‘Huddling Penguins Experiment’ - Level ladder Optional ‘Social animals’ – level ladder Interdependence - Homework booklet Revision Lesson Interdependence: End of Unit Test</p>	<p>Unit 2: Keeping Healthy(CB)</p> <p>Keeping Healthy ‘The dodgy BBQ’ cartoon - Level ladder ‘Testing Antimicrobials Experiment write up’- optional level ladder Keeping Healthy -Homework booklet Revision Lesson Keeping Healthy: End of Unit Test</p> <p>Unit 8: Rocks (CB)</p> <p>The Story of the Rock Cycle- Level ladder Rocks- Homework booklet Revision Lesson Rocks: End of Unit Test</p>	<p>What gas is in a crisp packet?- Level ladder Periodic Table- Homework booklet Revision Lesson Periodic Table: End of Unit Test</p> <p>Unit 8: Rocks (SC)</p> <p>The Story of the Rock Cycle- Level ladder Rocks- Homework booklet Revision Lesson Rocks: End of Unit Test</p>	<p>Unit6: Inside Materials (LC)</p> <p>Global Warming Presentation Plastic bags letter- Level ladder Inside Materials- Homework booklet Revision Lesson Inside Materials: End of Unit Test</p> <p>Unit 7: Metals & their Reactions (LC)</p> <p>Reactivity Series Investigation- Level ladder Metals- Homework booklet Revision Lesson Metals: End of Unit Test</p>
25/03/2024-14/06/2024	<p>Unit 1: Life Support (CB)</p> <p>Life Support ‘The journey of a cheese sandwich’ cartoon- Level ladder Life Support - Homework booklet Revision Lesson Life Support -End of Unit Test</p> <p>Unit 2: Keeping Healthy(CB)</p> <p>Keeping Healthy ‘The dodgy BBQ’ cartoon - Level ladder ‘Testing Antimicrobials Experiment write up’- optional level ladder Keeping Healthy -Homework booklet Revision Lesson Keeping Healthy: End of Unit Test</p> <p>Unit 8: Rocks (CB)</p> <p>The Story of the Rock Cycle- Level ladder</p>	<p>Unit 12: Moving Around (SC)</p> <p>Moving Around: ‘Levers’ - Level ladder Moving Around -Homework booklet Revision Lesson Moving Around: End of Unit Test</p> <p>Unit 3: Plants and the Environment (LC):</p> <p>‘The Photosynthesis Experiment’ write up - Level ladder Optional: ‘How Plants Grow’ – level ladder Plants and Environment - Homework booklet Revision Lesson Plants and Environment: End of Unit Test</p> <p>Unit 4: Interdependence (SC):</p> <p>‘Huddling Penguins Experiment’ -Level ladder Optional ‘Social animals’ – level ladder Interdependence - Homework booklet Revision Lesson Interdependence: End of Unit Test</p>	<p>Unit 4: Interdependence (LC):</p> <p>‘Huddling Penguins Experiment’ -Level ladder Optional ‘Social animals’ – level ladder Interdependence - Homework booklet Revision Lesson Interdependence: End of Unit Test</p> <p>Unit6: Inside Materials (LC)</p> <p>Global Warming Presentation Plastic bags letter- Level ladder Inside Materials- Homework booklet Revision Lesson Inside Materials: End of Unit Test</p> <p>Unit 7: Metals & their Reactions (LC)</p> <p>Reactivity Series Investigation- Level ladder Metals- Homework booklet</p>	<p>Unit 12: Moving Around (SC)</p> <p>Moving Around: ‘Levers’ - Level ladder Moving Around -Homework booklet Revision Lesson Moving Around: End of Unit Test</p> <p>Unit 5: The Periodic Table (SC)</p> <p>What gas is in a crisp packet?- Level ladder Periodic Table- Homework booklet Revision Lesson Periodic Table: End of Unit Test</p> <p>Unit 8: Rocks (SC)</p> <p>The Story of the Rock Cycle- Level ladder Rocks- Homework booklet Revision Lesson Rocks: End of Unit Test</p>

	Rocks- Homework booklet Revision Lesson Rocks: End of Unit Test	Interdependence - Homework booklet Revision Lesson Interdependence: End of Unit Test	Revision Lesson Metals: End of Unit Test	
17/06/2024-21/06/2024	Revision Carousel			
24/06/2024-05/07/2024	SUMMATIVE EXAM 2 FOCUS			
08/07/2024-19/07/2024	'Gaps in Knowledge' Carousel			



Science Year 9 Curriculum Map/Sequencing 2023-2024

For Skills please see relevant SOW

<https://ctk.fireflycloud.net/science/science-staff-pages/sow-all/year-9-sow/year-9-sow-chemistry>


	9 set 1	9 set 2	9 set 3	9 set 4
04/09/2023- 06/10/2023	Unit 3: Ecology (SC) tbc-Level ladder Ecology- Homework booklet Revision Lesson Ecology: End of Unit Test Unit 9: Sport Science (SC)	Unit 7:Earth & Space (JOC) 'Scientific satellites; ISS or HST' Level ladder Revision clock homework Earth & Space-End of Unit Test Unit 8: Energy (JOC)	Unit 1:Variation (LC): 'How do I get more eggs?' - Level ladder Variation- Homework booklet Revision Lesson Variation: End of Unit Test Unit 2: Extremes (LC)	Unit 4: The Carbon Cycle (CB) Fuels Investigation- Level ladder 'Is Global Warming our Fault?- Level ladder Breakfast cereals- Prediction- Level ladder Diamonds 6 mark question

	Sport: 'Sc1 skills, graphs and data' - Level ladder Revision Lesson Sport: End of Unit Test	'Sankey diagrams and efficiency' Level ladder 'Revision Lesson Energy: End of Unit Test	'Powered Exoskeletons'-Level ladder Optional: 'High Altitude' newspaper article – Level ladder Extremes - Homework booklet Revision Lesson Extremes: End of Unit Test	Revision Lesson The Carbon Cycle:- End of Unit Test Unit 5: Transport of the future(CB) Car of the future- Level ladder New cars- 6 mark question Revision Lesson Transport of the future: End of Unit Test
09/10/2023-17/11/2023	Unit 4: The Carbon Cycle (CB) Fuels Investigation- Level ladder 'Is Global Warming our Fault?- Level ladder Breakfast cereals- Prediction- Level ladder Diamonds 6 mark question Revision Lesson The Carbon Cycle:- End of Unit Test Unit 5: Transport of the future(CB) Car of the future- Level ladder New cars- 6 mark question Revision Lesson Transport of the future: End of Unit Test	Unit 3: Ecology (SC) tbc-Level ladder Ecology- Homework booklet Revision Lesson Ecology: End of Unit Test Unit 9: Sport Science (SC) Sport: 'Sc1 skills, graphs and data' - Level ladder Revision Lesson Sport: End of Unit Test	Unit 7:Earth & Space (JOC) 'Scientific satellites; ISS or HST' Level ladder Revision clock homework Earth & Space-End of Unit Test Unit 8: Energy (JOC) 'Sankey diagrams and efficiency' Level ladder 'Revision Lesson Energy: End of Unit Test	Unit 1:Variation (LC): 'How do I get more eggs?' - Level ladder Variation- Homework booklet Revision Lesson Variation: End of Unit Test Unit 2: Extremes (LC) 'Powered Exoskeletons'-Level ladder Optional: 'High Altitude' newspaper article – Level ladder Extremes - Homework booklet Revision Lesson Extremes: End of Unit Test
20/11/2023-22/12/2023	Unit 1:Variation (LC): 'How do I get more eggs?' - Level ladder Variation- Homework booklet Revision Lesson Variation: End of Unit Test Unit 2: Extremes (LC) 'Powered Exoskeletons'-Level ladder Optional: 'High Altitude' newspaper article – Level ladder Extremes - Homework booklet Revision Lesson Extremes: End of Unit Test	Unit 4: The Carbon Cycle (CB) Fuels Investigation- Level ladder 'Is Global Warming our Fault?- Level ladder Breakfast cereals- Prediction- Level ladder Diamonds 6 mark question Revision Lesson The Carbon Cycle:- End of Unit Test Unit 5: Transport of the future(CB) Car of the future- Level ladder New cars- 6 mark question Revision Lesson Transport of the future: End of Unit Test	Unit 3: Ecology (SC) tbc-Level ladder Ecology- Homework booklet Revision Lesson Ecology: End of Unit Test Unit 9: Sport Science (SC) Sport: 'Sc1 skills, graphs and data' - Level ladder Revision Lesson Sport: End of Unit Test	Unit 7:Earth & Space (JOC) 'Scientific satellites; ISS or HST' Level ladder Revision clock homework Earth & Space-End of Unit Test Unit 8: Energy (JOC) 'Sankey diagrams and efficiency' Level ladder 'Revision Lesson Energy: End of Unit Test

08/01/2024-05/02/2024	<p>Unit 7:Earth & Space (JOC) ‘Scientific satellites; ISS or HST’ Level ladder Revision clock homework Earth & Space-End of Unit Test</p> <p>Unit 8: Energy (JOC) ‘Sankey diagrams and efficiency’ Level ladder ‘Revision Lesson Energy: End of Unit Test & Transition Test</p>	<p>Unit 1:Variation (LC): ‘How do I get more eggs?’ - Level ladder Variation- Homework booklet Revision Lesson Variation: End of Unit Test</p> <p>Unit 2: Extremes (LC) ‘Powered Exoskeletons’-Level ladder Optional: ‘High Altitude’ newspaper article – Level ladder Extremes - Homework booklet Revision Lesson Extremes: End of Unit Test & Transition test</p>	<p>Unit 4: The Carbon Cycle (CB) Fuels Investigation- Level ladder ‘Is Global Warming our Fault?’- Level ladder Breakfast cereals- Prediction- Level ladder Diamonds 6 mark question Revision Lesson The Carbon Cycle-: End of Unit Test</p> <p>Unit 5: Transport of the future(CB) Car of the future- Level ladder New cars- 6 mark question Revision Lesson Transport of the future: End of Unit Test</p>	<p>Unit 3: Ecology (SC) tbc-Level ladder Ecology- Homework booklet Revision Lesson Ecology: End of Unit Test</p> <p>Unit 9: Sport Science (SC) Sport: ‘Sc1 skills, graphs and data’ - Level ladder Revision Lesson Sport: End of Unit Test & Transition Test</p>
19/02/2024-28/03/2024	<p>10 TS (LC) Unit B1: Cell Biology Cell Biology Optional ‘Prokaryotic and Eukaryotic Cells’ – Level ladder Cell Biology ‘Osmosis Experiment’ - Level Ladder Cell Biology: ‘Disc Diffusion Technique’ – Level Ladder Cell Biology- Homework booklet B1 Test</p>	<p>10 set 1b (JOC) Unit Ph1: Energy ‘Investigating the Elastic Potential energy stored in extended springs’ – Level Ladder ‘Specific Heat Capacity’ – 6 marker Maths skills for Physics Ph1 Test</p>	<p>10 set 2 (CB) Unit C1: Atomic structure and the Periodic table The periodic table- Ladder Separating mixtures- Practical Task Chromatography- 6 marker Distillation-6marker The Story of hydrocarbons- Ladder Mixtures- Ladder Atomic structure- Ladder Group 1- Ladder Group 7 – Ladder Revision lesson C1 Homework booklet C1 Test</p>	<p>10 set 3 (SC) Unit C1: Atomic structure and the Periodic table The periodic table- Ladder Separating mixtures- Practical Task Chromatography- 6 marker Distillation-6marker The Story of hydrocarbons- Ladder Mixtures- Ladder</p>
15/04/2024-24/05/2024	<p>10 set TS (CB) Unit C1: Atomic structure and the Periodic table The periodic table- Ladder Separating mixtures- Practical Task Chromatography- 6 marker Distillation-6marker The Story of hydrocarbons- Ladder</p>	<p>10 set 1b (LC) Unit B1: Cell Biology Cell Biology Optional ‘Prokaryotic and Eukaryotic Cells’ – Level ladder Cell Biology ‘Osmosis Experiment’ - Level Ladder Cell Biology: ‘Disc Diffusion Technique’ – Level Ladder</p>	<p>10 set 2 (JOC) Unit Ph1: Energy ‘Investigating the Elastic Potential energy stored in extended springs’ – Level Ladder ‘Specific Heat Capacity’ – 6 marker Maths skills for Physics Ph1 Test</p>	<p>10 set 3 (SC) Unit Ph1: Energy ‘Investigating the Elastic Potential energy stored in extended springs’ – Level Ladder ‘Specific Heat Capacity’ – 6 marker Maths skills for Physics Ph1 Test</p>

	Mixtures- Ladder Atomic structure- Ladder Group 1- Ladder Group 7 – Ladder Revision lesson C1 Homework booklet C1 Test	Cell Biology- Homework booklet B1 Test		
03/06/2024-17/07/2024	10 set TS (JOC) Unit Ph1: Energy ‘Investigating the Elastic Potential energy stored in extended springs’ – Level Ladder ‘Specific Heat Capacity’ – 6 marker Maths skills for Physics Ph1 Test	10 set 1b (CB) Unit C1: Atomic structure and the Periodic table The periodic table- Ladder Separating mixtures- Practical Task Chromatography- 6 marker Distillation-6marker The Story of hydrocarbons- Ladder Mixtures- Ladder Atomic structure- Ladder Group 1- Ladder Group 7 – Ladder Revision lesson C1 Homework booklet C1 Test	10 set 2 (LC) Unit B1: Cell Biology Cell Biology Optional ‘Prokaryotic and Eukaryotic Cells’ – Level ladder Cell Biology ‘Osmosis Experiment’- Level Ladder Cell Biology: ‘Disc Diffusion Technique’ – Level Ladder Cell Biology- Homework booklet B1 Test	10 set 1b (SC) Unit B1: Cell Biology Cell Biology Optional ‘Prokaryotic and Eukaryotic Cells’ – Level ladder Cell Biology ‘Osmosis Experiment’- Level Ladder Cell Biology: ‘Disc Diffusion Technique’ – Level Ladder Cell Biology- Homework booklet B1 Test

Science KS3 & KS4 2023-2024 Curriculum Map (New AQA model Yr 7 from 2023+, & Yrs 10 & 11)

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Biology at Christ the King Curriculum Map-Overview						
Year 7	Year 8	Year 9		GCSE	GCSE	Key
Cells	Health & lifestyle	Cells		B1 Cell Biology	B5 Homeostasis & response	How organisms work
Structure & function of body systems	Biological processes	Cell systems		B2 Organisation	SUMMATIVE ASSESSMENT NOV	Growth, development & reproduction
SUMMATIVE ASSESSMENT JAN	SUMMATIVE ASSESSMENT JAN	Fertilisation & implantation		B3 Infection & response	B6 Inheritance, variation & inheritance	Health & disease
Reproduction	Ecosystems & adaptation	Variation & natural selection		B4 Bioenergetics	B7 Ecology	Ecosystems & environment
SUMMATIVE ASSESSMENT JUNE	Inheritance	SUMMATIVE ASSESSMENT MARCH --> GCSE		SUMMATIVE ASSESSMENT JUNE	SUMMATIVE ASSESSMENT GCSE	Variation & evolution
	SUMMATIVE ASSESSMENT JUNE					Genetics & inheritance
						Calendered Summative Assessments



Chemistry at Christ the King Curriculum Map- Overview

Year 7	Year 8	Year 9	GCSE	GCSE	Key
Particles and their Behaviours	The Periodic Table	Particle Model and State Change	C1 Atomic Structure and Periodic Table (9)	C7 Hydrocarbons (11)	Substances Bonding and Structure
Elements, Atoms and Compounds	Metals and Acids	Atoms and Periodic Table	C2 Structure Bonding and Properties of Matter (10)	SUMMATIVE ASSESSMENT NOV	Elements, Compounds and Organic Chemistry
SUMMATIVE ASSESSMENT JAN	SUMMATIVE ASSESSMENT JAN	Chemical Changes	C3 Chemical Quantities and Calculations (10)	C8 Chemical Analysis (11)	Chemical Reactions
Reactions	Separation Techniques	Useful Chemical Reactions	C4 Chemical Changes (10)	SUMMATIVE ASSESSMENT FEB	Chemical Analysis
Acids and Alkalis	The Earth Rocks	SUMMATIVE ASSESSMENT MARCH --> GCSE	C5 Energy Changes (10)	C9 The Atmosphere (11)	Chemistry of Earth and Earth Resources
SUMMATIVE ASSESSMENT JUNE	SUMMATIVE ASSESSMENT JUNE		C6 The Rate and Extent of Chemical Change (10)	C10 Sustainable Development (11)	Earth and Environment
			SUMMATIVE ASSESSMENT JUNE	SUMMATIVE ASSESSMENT GCSE	
					Calendered Summative Assessments



Physics at Christ the King Curriculum Map

Year 7	Year 8	Year 9	GCSE	GCSE	Key
Forces	Electricity & Magnetism	Forces & motion	P1 Energy	P6 Waves	Forces & motion
Sound	Energy	Energy	P2 Electricity	SUMMATIVE ASSESSMENT NOV	Waves
SUMMATIVE ASSESSMENT JAN	SUMMATIVE ASSESSMENT JAN	Waves, sound & light	P3 Particle model of matter	P7 Magnetism & electromagnetism	Earth & space
Light	Motion & pressure	Electricity & magnetism	P4 Atomic structure	SUMMATIVE ASSESSMENT FEB	Electricity & magnetism
Space	SUMMATIVE ASSESSMENT JUNE	SUMMATIVE ASSESSMENT MARCH --> GCSE	P5 Forces	(P8 Space) TRIPLE ONLY	Energy
SUMMATIVE ASSESSMENT JUNE			SUMMATIVE ASSESSMENT JUNE	SUMMATIVE ASSESSMENT GCSE	Atomic, nuclear & quantum physics
					Calendered Summative Assessments

Science Year 10 Curriculum Map/Sequencing of Assessments 2023-2024

For Skills please see relevant SOW

<https://ctk.fireflycloud.net/science/science-staff-pages/sow-all/sow-gcse>

	10 TS	10 set 1b	10 set 2	(10 set 3)
04/09/2023-18/10/2023	<p>Unit B2:Photosynthesis (LC): B2: Photosynthesis experiment write up – Level ladder (Optional) B2: Greenhouses- Level ladder (Optional) B2: Marram grass – Level ladder B2- Homework booklet Revision Lesson B2: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (JOC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p>	<p>Unit B2:Photosynthesis (LC): B2: Photosynthesis experiment write up – Level ladder (Optional) B2: Greenhouses- Level ladder (Optional) B2: Marram grass – Level ladder B2- Homework booklet Revision Lesson B2: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p>	<p>Unit B2:Photosynthesis (LC): B2: Photosynthesis experiment write up – Level ladder (Optional) B2: Greenhouses- Level ladder (Optional) B2: Marram grass – Level ladder B2- Homework booklet Revision Lesson B2: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p>	<p>Unit B2:Photosynthesis (LC): B2: Photosynthesis experiment write up – Level ladder (Optional) B2: Greenhouses- Level ladder (Optional) B2: Marram grass – Level ladder B2- Homework booklet Revision Lesson B2: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p>
01/10/2022-22/12/2022	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder</p>

	<p>B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test B3: Exchange surfaces – Level ladder B3-Homework booklet Revision lesson B3: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder Bonding Presentation C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (JOC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p> <p><i>Mock examination in November Preceded by focused revision homework and revision checks</i></p>	<p>B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test B3: Exchange surfaces – Level ladder B3-Homework booklet Revision lesson B3: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder Bonding Presentation C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p> <p><i>Mock examination in November Preceded by focused revision homework and revision checks</i></p>	<p>B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test B3: Exchange surfaces – Level ladder B3-Homework booklet Revision lesson B3: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder Bonding Presentation C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p> <p><i>Mock examination in November Preceded by focused revision homework and revision checks</i></p>	<p>B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test B3: Exchange surfaces – Level ladder B3-Homework booklet Revision lesson B3: End of Unit Test</p> <p>Unit C2: Bonding (CB) Bonding-Level ladder Bonding Presentation C2 - Homework booklet Revision Lesson C2: End of Unit Test</p> <p>Ph2: Electricity (SC) 'Resistance of a length of wire' investigation – level ladder 'Sankey diagrams and efficiency' Level ladder 'Transformers in the National grid' – 6 marker Ph2 'equations' tests Produced Revision Resources Ph2: End of Unit Test</p> <p><i>Mock examination in November Preceded by focused revision homework and revision checks</i></p>
08/01/2024-08/02/2024	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder B3: Food tests - test</p>	<p>Unit B3: Moving & Changing Materials (LC) B3: Enzymes and temperature write up- Level ladder B3: Enzymes and pH write up- Level ladder B3: The digestive system – Level ladder</p>

	<p>B3: Food tests - test B3: Exchange surfaces – Level ladder</p> <p>Unit C3: Quantitative Chemistry (CB) C3-Level ladder C3 - Homework booklet Revision Lesson C3: End of Unit Test</p> <p>Ph3: Particle Model of Matter (JOC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment Ph3 Specific Heat capacity Required practical Ph3: Pressure in fluids H\W booklet Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>	<p>B3: Exchange surfaces – Level ladder</p> <p>Unit C3: Quantitative Chemistry (CB) C3-Level ladder C3 - Homework booklet Revision Lesson C3: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment Specific Heat capacity Required practical & 6 mark Q Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>	<p>B3: Exchange surfaces – Level ladder</p> <p>Unit C3: Quantitative Chemistry (CB) C3-Level ladder C3 - Homework booklet Revision Lesson C3: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment Specific Heat capacity Required practical & 6 mark Q Ph3 - Revision booklet (F) (HW) Ph3: End of Unit Test</p>	<p>B3: Food tests - test B3: Exchange surfaces – Level ladder</p> <p>Unit C3: Quantitative Chemistry (CB) C3-Level ladder C3 - Homework booklet Revision Lesson C3: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment Specific Heat capacity Required practical – 6 mark Q Ph3 - Revision booklet (F) (HW) Ph3: End of Unit Test</p>
19/02/2024-28/03/2024	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Titration Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph3: Particle Model of Matter (JOC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment & required practical Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment & required practical Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment & required practical Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph3: Particle Model of Matter (SC) Ph3 – Specific Heat capacity & Specific Latent Heat calculations assessment & required practical Ph3 - Revision booklet (HW) Ph3: End of Unit Test</p>

15/04/2024-24/05/2024	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph4: Atomic Structure(JOC) Ph4 – ‘History of the structure of the atom’ assessment Ph4 – ‘Radiation Lab’ Level ladder Revision clock Ph4: End of Unit Test</p> <p>END OF YEAR 10 EXAMINATIONS – P1</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph4: Atomic Structure(SC) Ph4 – ‘History of the structure of the atom’ assessment Ph4 – ‘Radiation Lab’ Level ladder Revision clock Ph4: End of Unit Test</p> <p>END OF YEAR 10 EXAMINATIONS – P1</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph4: Atomic Structure(SC) Ph4 – ‘History of the structure of the atom’ assessment Ph4 – ‘Radiation Lab’ Level ladder Revision clock Ph4: End of Unit Test</p> <p>END OF YEAR 10 EXAMINATIONS – P1</p>	<p>Unit B4: Health Matters(LC) Optional: B4 Heart Disease Leaflet – level ladder Optional B4: Vaccines Leaflet B4: Viral Diseases: Ebola – Level ladder B4: Bacterial Diseases: Salmonella Food Poisoning – Level ladder B4-Homework booklet Revision lesson B4: End of Unit Test</p> <p>Unit C4: Chemical Changes(CB) ‘Return to the Island’ -Level ladder C4- Salts Required Practical C4- Electrolysis Required Practical C4 - Homework booklet Revision Lesson C4: End of Unit Test</p> <p>Ph4: Atomic Structure(SC) Ph4 – ‘History of the structure of the atom’ assessment Ph4 – ‘Radiation Lab’ Level ladder Revision clock Ph4: End of Unit Test</p> <p>END OF YEAR 10 EXAMINATIONS – P1</p>
03/06/2024-19/07/2024	<p>Unit B5: Coordination & Control(LC) B5- Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C5: Energy Changes(CB) C5- Measuring Energy Change- Required Practical C5- Endothermic and Exothermic- Level ladder C5 - Homework booklet</p>	<p>Unit B5: Coordination & Control(LC) B5- Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C5: Energy Changes(CB) C5- Measuring Energy Change- Required Practical C5- Endothermic and Exothermic- Level ladder C5 - Homework booklet</p>	<p>Unit B5: Coordination & Control(LC) B5- Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C5: Energy Changes(CB) C5- Measuring Energy Change- Required Practical C5- Endothermic and Exothermic- Level ladder C5 - Homework booklet</p>	<p>Unit B5: Coordination & Control (LC) B5- Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C5: Energy Changes(CB) C5- Measuring Energy Change- Required Practical C5- Endothermic and Exothermic- Level ladder</p>

	Revision Lesson C5: End of Unit Test Ph6 Waves and radiation: (JOC) UCLan 'Standing waves on a string' investigation UCLan 'Investigating Wave features: Ripple tank' assessment 'Leslies cube investigation' – required practical 'Investigating insulation' –required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test	Revision Lesson C5: End of Unit Test Ph6 Waves and radiation: (SC) 'Leslies cube investigation' – required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test	Revision Lesson C5: End of Unit Test Ph6 Waves and radiation: (SC) 'Leslies cube investigation' – required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test	C5 - Homework booklet Revision Lesson C5: End of Unit Test Ph6 Waves and radiation: (SC) 'Leslies cube investigation' – required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test



Science Year 11 Curriculum Map/sequence 2023-2024

For Skills please see relevant SOW

<https://ctk.fireflycloud.net/science/science-staff-pages/sow-all/sow-gcse>

	11 TS	11 set 1	11 set 2 & (11 set 3)
04/09/2023-18/10/2023	<p>Unit B5: Coordination & Control(LC) B5 'Investigating reaction times' - Level ladder B5 'The eye' – Level ladder B5 'Phototropism experiment' – Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C6: The Rate and Extent of Chemical Change (CB) C6- Rates Level ladder C6- Rates of Reaction-Required Practical X 3 C6 – Rates 6 marker C6- Homework booklet Revision Lesson C6: End of Unit Test</p> <p>Ph6 Waves and radiation: (JOC) UCLan 'Standing waves on a string' investigation UCLan 'Investigating Wave features: Ripple tank' assessment 'Leslies cube investigation' – required practical 'Investigating insulation' –required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test</p> <p style="text-align: center;">Mock Examination Paper 1</p>	<p>Unit B5: Coordination & Control(LC) B5 'Investigating reaction times' - Level ladder B5 'The eye' – Level ladder B5 'Phototropism experiment' – Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C6: The Rate and Extent of Chemical Change (CB) C6- Rates Level ladder C6- Rates of Reaction-Required Practical X 3 C6 – Rates 6 marker C6- Homework booklet Revision Lesson C6: End of Unit Test</p> <p>Ph6 Waves and radiation: (SC) UCLan 'Standing waves on a string' investigation UCLan 'Investigating Wave features: Ripple tank' assessment 'Leslies cube investigation' – required practical 'Investigating insulation' –required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test</p> <p style="text-align: center;">Mock Examination Paper 1</p>	<p>Unit B5: Coordination & Control(LC) B5 'Investigating reaction times' - Level ladder B5 'The eye' – Level ladder B5 'Phototropism experiment' – Level ladder B5-Homework booklet Revision lesson B5: End of Unit Test</p> <p>Unit C6: The Rate and Extent of Chemical Change (CB) C6- Rates Level ladder C6- Rates of Reaction-Required Practical X 3 C6 – Rates 6 marker C6- Homework booklet Revision Lesson C6: End of Unit Test</p> <p>Ph6 Waves and radiation: (SC) UCLan 'Standing waves on a string' investigation UCLan 'Investigating Wave features: Ripple tank' assessment 'Leslies cube investigation' – required practical 'Investigating insulation' –required practical 'Refraction of light' investigation – level ladder Revision resources Ph6: End of Unit test</p> <p style="text-align: center;">Mock Examination Paper 1</p>

30/10/2023-22/12/2023	<p>Unit B6: Genetics (LC) B6 the structure of DNA – 6 marker B6-Homework booklet Revision lesson B6: End of Unit Test</p> <p>Unit C7: Hydrocarbons (CB) Alkanes vs Alkenes –Level ladder C7- Homework booklet Revision Lesson Alcohols- mini test C7: End of Unit Test</p> <p>Ph7: Electromagnetism (JOC) ‘increasing the strength of electromagnets’ investigation Electromagnets research – level ladder ‘Microphones and speakers’ – 6 marker ‘Motors v generators’ – 6 marker Ph7 Revision resources Ph7: End of Unit test</p> <p><i>Mock examination (P1) in November Preceded by focused revision homework and revision checks</i></p>	<p>Unit B6: Genetics (LC) B6 the structure of DNA – 6 marker B6-Homework booklet Revision lesson B6: End of Unit Test</p> <p>Unit C7: Hydrocarbons (CB) Alkanes vs Alkenes –Level ladder C7- Homework booklet Revision Lesson Alcohols- mini test C7: End of Unit Test</p> <p>Ph7: Electromagnetism (SC) ‘increasing the strength of electromagnets’ investigation Electromagnets research – level ladder ‘Microphones and speakers’ – 6 marker ‘Motors v generators’ – 6 marker Ph7 Revision resources Ph7: End of Unit test</p> <p><i>Mock examination (P1) in November Preceded by focused revision homework and revision checks</i></p>	<p>Unit B6: Genetics (LC) B6 the structure of DNA – 6 marker B6-Homework booklet Revision lesson B6: End of Unit Test</p> <p>Unit C7: Hydrocarbons (CB) Alkanes vs Alkenes –Level ladder C7- Homework booklet Revision Lesson Alcohols- mini test C7: End of Unit Test</p> <p>Ph7: Electromagnetism (SC) ‘increasing the strength of electromagnets’ investigation Electromagnets research – level ladder ‘Microphones and speakers’ – 6 marker ‘Motors v generators’ – 6 marker Ph7 Revision resources Ph7: End of Unit test</p> <p><i>Mock examination (P1) in November Preceded by focused revision homework and revision checks</i></p>
08/01/2024-08/02/2024	<p>Unit B7: Variation & Evolution (LC) B7: Evolution – 6 marker B7: Speciation – 6 marker B7-Homework booklet Revision lesson B7: End of Unit Test</p> <p>Unit C8: Chemical Analysis (CB) C8-Required Practical- Chromatography C8- Homework booklet Revision Lesson C8: End of Unit Test</p> <p>Ph5 Forces (JOC)</p>	<p>Unit B7: Variation & Evolution (LC) B7: Evolution – 6 marker B7: Speciation – 6 marker B7-Homework booklet Revision lesson B7: End of Unit Test</p> <p>Unit C8: Chemical Analysis (CB) C8-Required Practical- Chromatography C8- Homework booklet Revision Lesson C8: End of Unit Test</p> <p>Ph5 Forces (SC)</p>	<p>Unit B7: Variation & Evolution (LC) B7: Evolution – 6 marker B7: Speciation – 6 marker B7-Homework booklet Revision lesson B7: End of Unit Test</p> <p>Unit C8: Chemical Analysis (CB) C8-Required Practical- Chromatography C8- Homework booklet Revision Lesson C8: End of Unit Test</p>

	<p>'Newton's 3 laws of motion' research – level ladder Air track – required practical 'Investigating elastic and inelastic materials' required practical – level ladder Levers and Moments research - level ladder Ph5 revision resources Ph5: End of unit test</p>	<p>'Newton's 3 laws of motion' research – level ladder Air track – required practical 'Investigating elastic and inelastic materials' required practical – level ladder Levers and Moments research - level ladder Ph5 revision resources Ph5: End of unit test</p>	<p>Ph5 Forces (SC) 'Newton's 3 laws of motion' research – level ladder Air track – required practical 'Investigating elastic and inelastic materials' required practical – level ladder Levers and Moments research - level ladder Ph5 revision resources Ph5: End of unit test</p>
19/02/2024-28/03/2024	<p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>Unit C9: Atmosphere (CB) C9- Evolution of Earth's atmosphere-ladder C9-Homework booklet Revision Lesson C9: End of Unit Test</p> <p>Ph8: Space (JOC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>	<p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>Unit C9: Atmosphere (CB) C9- Evolution of Earth's atmosphere-ladder C9-Homework booklet Revision Lesson C9: End of Unit Test</p> <p>Ph8: Space (SC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>	<p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>Unit C9: Atmosphere (CB) C9- Evolution of Earth's atmosphere-ladder C9-Homework booklet Revision Lesson C9: End of Unit Test</p> <p>Ph8: Space (SC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>
15/04/2024-24/05/2024	<p>Revision and Past paper practice (All teachers)</p> <p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>C10 Sustainable Development(CB) C10- Water Required Practical C10-Homework booklet Revision Lesson</p>	<p>Revision and Past paper practice (All teachers)</p> <p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>C10 Sustainable Development(CB) C10- Water Required Practical C10-Homework booklet Revision Lesson C10: End of Unit Test</p>	<p>Revision and Past paper practice (All teachers)</p> <p>Unit B8: Ecology in Action(LC) B8: Quadrats and Transects require practical B8-Homework booklet Revision lesson B8: End of Unit Test</p> <p>C10 Sustainable Development(CB) C10- Water Required Practical C10-Homework booklet Revision Lesson</p>

	<p>C10: End of Unit Test</p> <p>Ph8: Space (JOC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>	<p>Ph8: Space (SC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>	<p>C10: End of Unit Test</p> <p>Ph8: Space (SC) Big Bang - Level ladder Lenses investigation – level ladder Ph8: Homework booklet Revision Resources Ph8: End of Unit Test</p>
		EXAM LEAVE	