



Biology 5 Year Subject Plan

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<i>(See other subject)</i>	Life [Life processes, Cells]	<i>(See other subject)</i>	<i>(See other subject)</i>	Reproduction [Cells]	<i>(See other subject)</i>
Assessments	Term Test		Term Test		Term Test	
8	Nutrition [Cells, Enzymes]	The Body [Transport, Health]	Bioenergetics [Respiration and Photosynthesis]	Organisms [Ecology, Respiration, Photosynthesis]	<i>(See other subject)</i>	<i>(See other subject)</i>
Assessments	Term Test		Term Test		Term Test	
9	Variation [Variation, Inheritance, Classification]	Variation [Variation, Inheritance, Classification]	Key concepts – Biology [Cells, Enzymes and Transport]	Key Ideas [Cells, Enzymes and Transport]	Key Ideas [Cells, Enzymes and Transport]	Key Ideas [Cells, Enzymes and Transport]
Assessments	Term Test		Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	End of Year Exam in Sports Hall
10	Health, Disease and Medicine [Cells, Health, Nutrition]	Cells and Control [Cells]	Genetics [Cells, Variation, Inheritance,]	Natural Selection & Genetic Modification [Variation, Inheritance, Classification]	Plant structure and function [Cells, Respiration, Photosynthesis, Enzymes, Transport]	Ecology & Material Cycles [Ecology, Respiration, Photosynthesis]
	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	Mock Paper 1
11	Exchange and transport in animals [Cells, Respiration, Transport]	Animal coordination, control and homeostasis [Cells, Respiration, Transport, Enzymes]	Focus Lessons Paper 1	Focus Lessons Paper 2	Core Practical Rotation & Exam Focus Paper 1 & 2	
	Extended answer or Core practical marking	Mock paper 2 in Sports Hall	Mock paper 1 in Sports Hall	Mock paper 2 in class	EXAM	

Biology 5 Year Subject Plan



Physics 5 Year Subject Plan

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<i>(See other subject)</i>	Energy [Energy]	Light [Waves]	<i>(See other subject)</i>	<i>(See other subject)</i>	Earth and Space [Forces]
Assessments	Term Test		Term Test		Term Test	
8		Energy transfers [Energy, Forces]			Waves [Waves]	
Assessments	Term Test		Term Test		Term Test	
9	Forces [Forces]	Electricity [Energy] Forces review	Energy -Unit 3,8 [Energy] Electricity Review	Energy -Unit 3,8 [Energy]	Waves -Unit 4,5 [Waves] Energy review	Waves -Unit 4,5
Assessments	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	End of Year Exam in Sports Hall
10	Radioactivity -Unit 6 [Waves, Energy] Waves review <i>Waves Triple-Units4,5</i> [Waves, Energy]	Radioactivity -Unit 6 [Waves, Energy] Waves review <i>Waves Triple-Units4,5</i> [Waves, Energy]	Radioactivity -Unit 6 [Waves, Energy] Waves review Waves Triple-Units4,5 [Waves, Energy]	Forces and Motion Unit 1, 2,9,15 [Forces, Energy] Radioactivity review <i>Astronomy Triple - Unit 7</i> [Forces, Waves]	Forces and Motion Unit 1, 2,9,15 [Forces, Energy] Radioactivity review <i>Astronomy Triple - Unit 7</i> [Forces, Waves]	Forces and Motion Unit 1, 2,9,15 [Forces, Energy] Paper 1 review <i>Astronomy Triple- Unit 7</i> [Forces, Waves]
	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	Term Test	Extended answer or Core practical marking	Mock Paper 1
11	Electricity -Unit 10,12,13 Forces review <i>Static Triple -Unit 11</i> [Energy, Forces]	Electricity -Unit 10,12,13 Energy review <i>Static Triple -Unit 11</i> [Energy, Forces]	Matter –Unit 14 [Energy, Forces] Electricity review	Focus Lessons Paper 1 Focus Lessons Paper 2	Core Practical Rotation & Exam Focus Paper 1 &2	
	Extended answer or Core practical marking	Mock paper 2 in Sports Hall	Mock paper 1 in Sports Hall	Mock paper 2 in class	EXAM	

Physics 5 Year Subject Plan



5 Year Subject Plan

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	Lab skills and safety Matter and periodic table [atomic structure, periodic table]	(See other subject)	Elements (See other subject) [atomic structure, periodic table]	Mixtures [chem reactions] Acids and Alkalis [chem reactions]	(See other subject)	Earth and space (PHYSICS) [earth and atmos]
Assessments	Term test		Term test		Term test	
8	Atomic Structure (See other subject) [atomic structure, periodic table]	(See other subject)	Matter (See other subject) [atomic structure, periodic table]	(See other subject)	Compounds (See other subject) [atomic structure, periodic table] [chem reactions]	Rocks [chem reactions] [earth and atmos]
Assessments	Term test		Term test		Term test	
9	Metals LCA / recycling [periodic table Chem reactions]	Metals LCA / recycling [periodic table Chem reactions]	Key concepts- atom structure Periodic table Bonding Matter Sep. Techniques Equations/state symbols, transition metals, nanoparticles, ion testing(T) [atomic structure, periodic table]	Key concepts- atom structure Periodic table Bonding Matter Sep. Techniques Equations/state symbols, transition metals, nanoparticles, ion testing(T) [atomic structure, periodic table]	Key concepts- atom structure Periodic table Bonding Matter Sep. Techniques Equations/state symbols, transition metals, nanoparticles, ion testing(T) [atomic structure, periodic table]	<u>REVIEW</u>
Assessments	Extended answer	Term test	Extended answer or Core practical marking	Term test	Extended answer or Core practical marking	End of Year Exam in Sports Hall
10	Simple calculations- RFM / moles/ empirical/ conservation of mass	Review bonding Types of substances	<u>REVIEW</u> Electrolysis [chem reactions]	Groups Rates of reaction [periodic table]	Rates of reaction and core pracs [periodic table Chem reactions]	Energy changes and Equilibria

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	%yield/atom economy/ molar volume (T) [periodic table Chem reactions]	Acids/bases Titrations(T) [periodic table Chem reactions]		Chem reactions] Hydrocarbons(T)	Alcohols and carboxylic acids(T)	REVIEW [chem reactions] Dynamic Equilibrium (T)
	Extended answer or Core practical marking	Term test	Extended answer or Core practical marking	Term test	Extended answer or Core practical marking	Mock Paper 1
11	Earth and atmosphere [earth and atmos] Fuels [chem reactions] [earth and atmos] Polymers (T)	Earth and atmosphere [earth and atmos] Fuels [chem reactions] [earth and atmos] Chemical and fuel cells (T)	REVIEW FOCUS LESSONS PAPER 2	FOCUS LESSONS PAPER 1	Core practical summary Exam focus p1 and p2	
	Extended answer or Core practical marking	Mock paper 2 in Sports Hall	Mock paper 1 in Sports Hall	Mock paper 2 in class	EXAM	