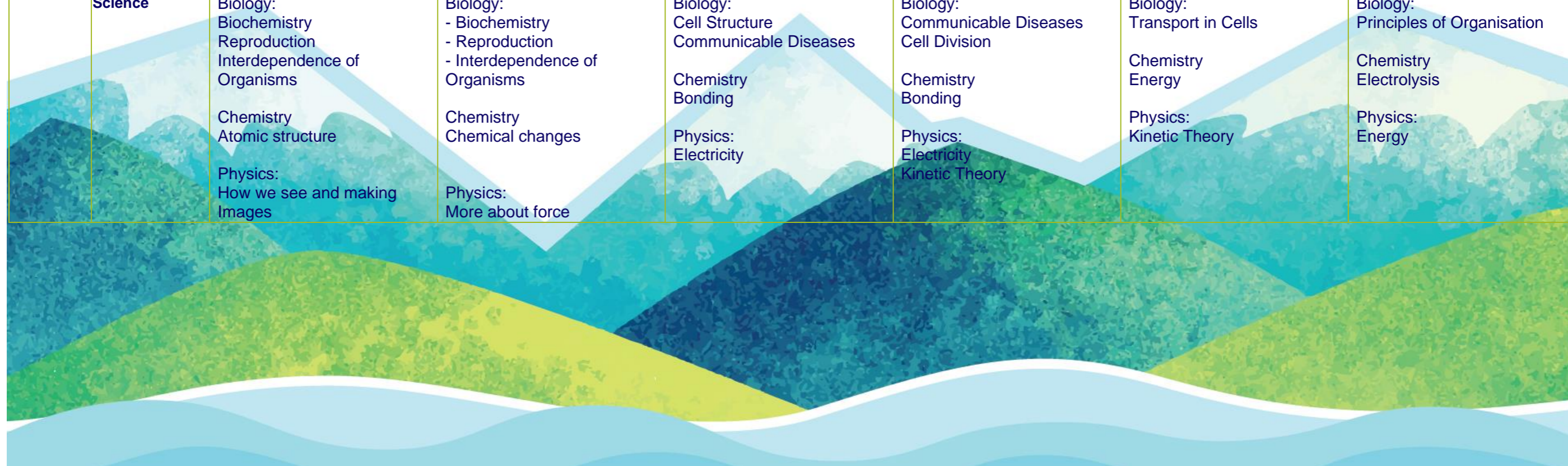


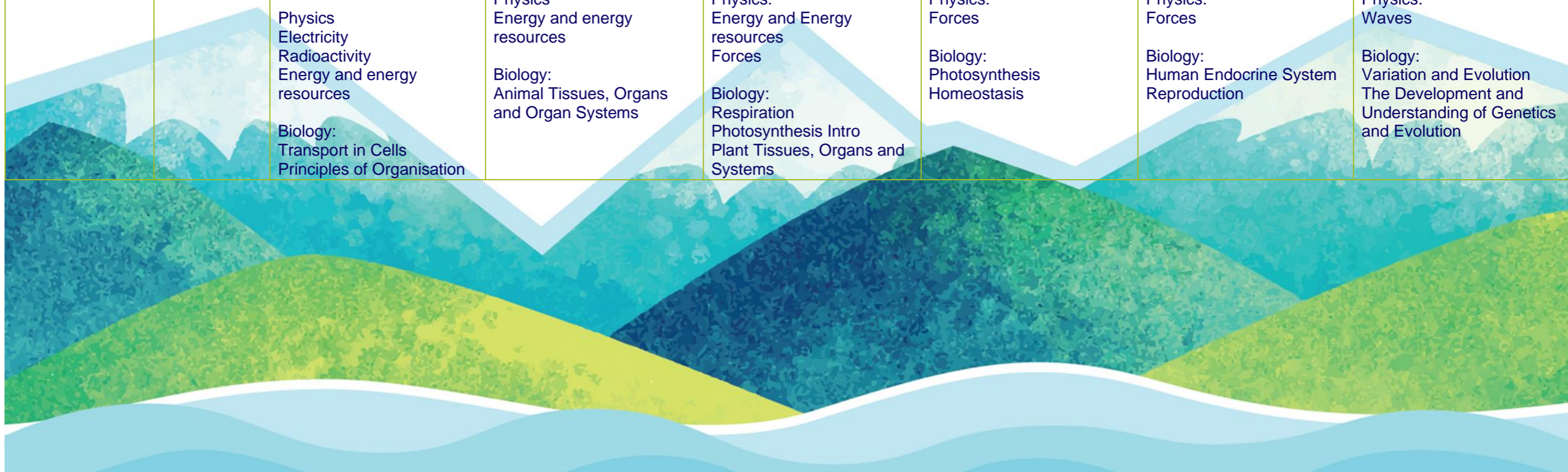
WLA Curriculum Map – KS4 Core

9	Subject	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
	English	Authority & Power: Shakespeare	Authority & Power: Non-fiction Writing	The Gothic: 19 <sup>th</sup> Century Texts	Gothic Writing	American Literature: Modern Novel	American Literature: Non-fiction Writing
	Mathematics	Foundation: Processing and presenting data Integers, decimals and powers Factors, multiples, primes and ratio/proportion in context	Foundation: Approximation and estimation Percentages	Foundation: Fractions, ratio and proportion Index laws Standard Form	Foundation: Manipulating algebra Solving equations Rearranging formula	Foundation: Processing and presenting data Solving inequalities	Foundation: Straight line graphs Quadratic and cubic graphs
		Higher: Processing and presenting data and sampling Powers and Roots Recurring decimals Factors, multiples, primes and ratio/proportion in context	Higher: Approximation and estimation Percentages Surds and rationalising Direct and inverse proportion	Higher: Fractions, ratio and proportion Index laws Standard Form Powers and Roots	Higher: Manipulating algebra Solving equations Rearranging formula Sequences	Higher: Processing and presenting data Solving inequalities and quadratics	Higher: Coordinate geometry Functions Vectors
	M.F.L.	All About Me		My Free Time		Celebrations	
	P.D.	Disrespect Nobody: Am I Valued?		Sexual Health: My Choice	Baby Borrowers	The Price of Life	My Mind
	P.E.	All: Football, Basketball, Cross-country Boys: Rugby Girls: Netball		All: Fitness, Gymnastics, Handball		All: Athletics, Rounders, Softball, Cricket, Tennis, Ultimate Frisbee	
	Religion & Worldviews	Where Do We Come From?		Religion, Crime & Punishment		Islamic Beliefs and Practices	Where Do Our Morals Come From?
	Science	Biology: Biochemistry Reproduction Interdependence of Organisms  Chemistry Atomic structure  Physics: How we see and making Images	Biology: - Biochemistry - Reproduction - Interdependence of Organisms  Chemistry Chemical changes  Physics: More about force	Biology: Cell Structure Communicable Diseases  Chemistry Bonding  Physics: Electricity	Biology: Communicable Diseases Cell Division  Chemistry Bonding  Physics: Electricity Kinetic Theory	Biology: Transport in Cells  Chemistry Energy  Physics: Kinetic Theory	Biology: Principles of Organisation  Chemistry Electrolysis  Physics: Energy



# 10

Subject	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<b>English</b>	Poetry: Power and Conflict Poetry	Writers' Viewpoints & Perspectives: Non-fiction reading and writing	Shakespeare	Explorations in Creative Reading and Writing	Modern Text	Writers' Viewpoints and Perspectives & Shakespeare
<b>Mathematics</b>	Foundation: Compound measures Real life graphs Pythagoras Trigonometry	Foundation: Bearings Angles facts Sampling Data presentation	Foundation: Probability Plans and Elevation	Foundation: Constructions Circle, Arc & Sectors Congruency and similarity	Foundation: Transformations Vectors Sequences	Foundation: Forming and solving equations Simultaneous Equations Direct/Inverse Proportion
	Higher: Compound measures Real life graphs Pythagoras & Trigonometry Advanced trigonometry and graphs	Higher: Bearings Angles facts Sampling Data presentation Graphs of circle, cubic and quadratics	Higher: Probability Conditional Probability Plans and Elevation Circle Geometry Circle Theorems	Higher: Constructions Circle, Arc & Sectors Congruency and similarity Similarity in 2D and 3D	Higher: Transformations Vectors Sequences Functions	Higher: Forming and solving equations Simultaneous Equations Direct/Inverse Proportion Algebraic Fractions and Proof Congruency and Proof
<b>M.F.L.</b>	Leisure & Free Time Activities		Festivals & Customs		Where I Live	Holidays and Travel
<b>P.D.</b>	Sex, Media, Me	Ready for Work	On My Mind	My Body...The Impact	Spending the Pennies	My Behaviour, My Responsibility
<b>P.E.</b>	All: Football, Basketball, Cross-country Boys: Rugby Girls: Netball		All: Fitness, Gymnastics, Handball		All: Athletics, Rounders, Softball, Cricket, Tennis, Ultimate Frisbee	
<b>Religion &amp; Worldviews</b>	Religions, Peace and Conflict		Religion, Relationships & Family Life		Religious Beliefs & Practices - Buddhism	Why Are Humans Fallible?
<b>Science</b>	Chemistry Complete atmosphere Chemical changes  Physics Electricity Radioactivity Energy and energy resources  Biology: Transport in Cells Principles of Organisation	Chemistry Electrolysis  Physics Energy and energy resources  Biology: Animal Tissues, Organs and Organ Systems	Chemistry Quantitative  Physics: Energy and Energy resources Forces  Biology: Respiration Photosynthesis Intro Plant Tissues, Organs and Systems	Chemistry Organic  Physics: Forces  Biology: Photosynthesis Homeostasis	Chemistry Chemical analysis  Physics: Forces  Biology: Human Endocrine System Reproduction	Chemistry Using resources  Physics: Waves  Biology: Variation and Evolution The Development and Understanding of Genetics and Evolution



# 11

Subject	Half term 1	Half term 2	Half term 3	Half term 4	Half term 5	Half term 6
<b>English</b>	C19th Novel	Explorations in Creative Reading & Writing, Speaking & Listening	Explorations in Creative Reading & Writing, Shakespeare, C19th Novel	Revision	Revision	Revision
<b>Mathematics</b>	Foundation: Real life graphs Pythagoras Trigonometry Percentages	Foundation: Bearings Angles facts Sampling Data presentation	Foundation: Transformations Vectors Sequences Quadratic and cubic graphs	Foundation: Forming and solving equations Simultaneous Equations Direct/Inverse Proportion	Revision	Revision
	Higher: Compound measures Real life graphs Pythagoras & Trigonometry Advanced trigonometry and graphs	Higher: Coordinate geometry Functions Vectors Surds and rationalising	Higher: Circle Geometry Circle Theorems Functions Vectors Quadratics	Higher: Simultaneous Equations Algebraic Fractions and Proof Congruency and Proof Similarity in 2D and 3D	Revision	Revision
<b>M.F.L.</b>	Holidays and Travel	Holidays and Travel, School Life & Healthy Living	School Life & Healthy Living, Future Plans and World of Work	Environmental and Social Issues	Environmental and Social Issues, Exam Skills	Exam Skills
<b>P.D.</b>	My Body, My Choice	I'm Leaving School	Balancing Life & Me	Money at Work		
<b>P.E.</b>	All: Football, Basketball, Cross-country Boys: Rugby Girls: Netball		All: Fitness, Gymnastics, Handball		All: Athletics, Rounders, Softball, Cricket, Tennis, Ultimate Frisbee	
<b>Religion &amp; Worldviews</b>	Religion, Peace and Conflict		Matters of Life and Death		Extended Study	
<b>Science</b>	Triple Science  Chemistry: Electrolysis & chemical cells and fuel cells Properties of transition metals Physics: Electricity Kinetic Theory Radioactivity Biology: Photosynthesis Respiration Homeostasis	Triple science  Chemistry: Rates of Reaction Physics: Forces Waves Biology: Reproduction Variation and Evolution	Triple science  Chemistry: Rates of Reaction Chemical Analysis Physics: Waves Biology: The Development and Understanding of Genetics and Evolution Adaptations, Interdependence and Competition	Triple science  Chemistry: Chemical Analysis Organic Chemistry Physics: Electromagnetism Biology: Organisation of an Ecosystem Biodiversity and the Effect of Human Interaction on Ecosystems	Triple science  Chemistry: Identifying Ions Using Resources Physics: Electromagnetism Space Revision Biology: Revision	Triple science  Chemistry: Using Materials & the Haber Process Physics: Revision Biology: Revision
	Combined Science:  Physics: Forces Waves Chemistry Electrolysis Chemical analysis Biology: Photosynthesis Respiration	Combined Science  Physics: Waves Chemistry Using resources Biology: Homeostasis Reproduction	Combined Science  Physics: Waves Magnetism and electromagnetism Chemistry Rates Biology: Variation and Evolution The Development and Understanding of Genetics and Evolution	Combined Science  Physics: Waves Magnetism and electromagnetism Chemistry Rates Biology: Adaptations, Interdependence and Competition Organisation of an Ecosystem	Combined Science  Physics: Revision Chemistry Revision Biology: Biodiversity and the Effect of Human Interaction on Ecosystems	Combined Science  Revision