			Curriculum Map 2025-2	-6		
	Unit title with		Year 10 Triple		Summary of formative marking,	Summative assessment schedule.
Half term	hyperlink to scheme of work	Unit summary	Skills & content covered	Skills & content revisited  Plants and aligae do not eat, but use energy from light, together with carbon dioxide and water to make glucose (food) through photosynthesis.  They either use the facces as an energy source, bo build new tissue, or store it for	marking, feedback and student response	schedule, including assessment criteria
Autumn Half-term 1	R4 Bioenergetics	is this section less will explore how plants harmers the Sun's energy in photosynthesis in order to make froot. This process blevaries organishich has built up committion of years in the Cart's atmosphere. Both azimitas and plants use this organish condities froot in a process collect aerosic resignation which transfers the needing that the Cartesian and plants use this organish code in the contract and an arrival and a service of the contract and a service organish or the standard energy. During dyposes service the human body is unable to supply the cells with sufficient organism and it switches to asserbeit expensions. The process will supply energy to also causes the build-up of lacetic acid in muscules which causes langue.	1. Bhotopynthesis 2. Bits of photopynthesis 2. Bits of photopynthesis 4. Bits of photopynthesis 4. Bits of placeses 5. Berobic and namerbile respiration 6. Begonist be zercise 7. Metabolism	Later use. Phants have specially adapted organs that allow them to obtain resources needed for photosymbratis.  Observation ways in which plants obtain resources  Countries ways in which plants obtain resources  Explain why other organisms are dependent on  photosymbratis.  Sachts also give the properties of the properties in plants and algority  Sachts also give the properties of the properties of  photosymbratis.  Sachts also give the photosymbratis in plants and algority  sachts also give the photosymbratis in plants and algority  sachts are properties on  sachts and sachts and sachts and sachts  provide energy and clear own mediculate. Notice plants give  sachts the sachts give some winderful explaints of  sachts and sachts are properties, which provides less energy, when organis  sachts the sachts described enrolled and  the world explaints of Sachts and sachts greater  that world explaints of Sachts and sachts greater  and sachts the sachts and	Sparx HW, in class teacher questioning, MCQ's, starter tasks	ЕОТТ
Autumn Half-term 1	C4 Chemical. Changes	Understanding of chemical changes began when people began experimenting with chemical resolution in a spitematic way and organizing their results (socially. Nowing solution these different chemical changes meant that scientists could began be predict exactly with at new substances under beformed and processes. It also when the second of the second processes, it also the second processes in the second processes, it also the second processes in the second processes. It also the second processes in the second processes in a the central control of the second processes in a the central control of the second processes in a through the second processes in the second processes in the central control of the second processes in the second processes and the second processes in the second processes and when the second processes in the second processes and the	1. Metal Couldes 2. Reactively OFMetals 3. Executive OFMetals 5. Reactive OFMetals 5. Reactive OFMetals 5. Reactive OFMetals 5. Metals and Archite 7. San Formania Required Practical. 7. San Formania Required Practical 8. Triston Ciclustrations (2 Reasons) 8. Triston Required Practical 1. Triston Regular OFMetals 1. Triston Regu	Chemical Reactions, Acids and Albalis. Oxidation- the gain of oxygen and loss of electrons. Reduction the loss of oxygen and gain of electrons should be a self-state or self-state oxygen and gain of electrons and place of electrons and reduction oxygen and gain of electrons and self-state oxygen and self-s	Sparx HW, in class teacher questioning, MCQ's, starter tasks	ЕОТТ
Autumn lalf-term 1	PS Forces	The laws of gardly, cleationly, level and gears, describing motion and the pressure in fluids are all topics convered in the GCSE physics with the pressure in fluids are all topics covered in the GCSE physics with the pressure of the grant the delite of the grant definition of the grant the gran	1. Forces systems tooks lockaded are: 2. Scalar and whorker quantities. 2. Scalar and whorker quantities. 3. Constant and non-contact forces. 4. Grawly 5. Forces and elasticity 6. Moments, John sand guars 6. Moments, John sand guars 6. Forces, acceleration and Newton's Laws. 10. Momentum 10. Momentum	Medican Represent a) journey on a distance-time graph. Describe quantitative relationship between average speed, distance and time (speed e distance time) of distance time) of distance time of distance time of distance time.  Revolute is law and the spinisher or pulls Balanced and uses spinisher of the spinisher	Sparx HW, in class teacher questioning, MOQ's, starter tasks	ЕОТТ
utumn 2	B5 Homeostasis and Response	Cells in the body can only survive within narrow physical and chemical limits. They require a constant temperature and pH sa well as a constant supply of discisioner food and water. In order to de this to a constant supply of discisioner food and water. In order to de this to composition of the bodies and stresses. These centred systems include receptors which same changes and effectives that thing about changes. In this section well register the survivae and function of the energies system and how it can bring about that responses. We will select the survivae and function of the energy system and how it can bring about that responses. We will select the survivae and function of the energy system and how it can bring about that responses. We will select the survivae and survivae and survivae and survivae of the energy state of the ene	J. Momoratais Z. Momoratais Z. Momorata system J. She beain (typic only) Z. Momorata system J. She beain (typic only) Z. Momoratain Z. Z. Z. Momoratain Z. Z. Z. Momoratain Z. Z. Momora	The menshrual cycle prepares the female for pregnancy and stops if the egg is testilized by a sperm.  The developing feeture relies on the media-to provided that in suggest and nutrients, to Equiliar visities assumed to the second of the state of the second of the sec	Sparx HW, in class teacher questioning, MCQ's, starter tasks	EOTT
utumn 2	CS Energy Changes	Energy changes are an important part of chemical reactions. The interaction of particle column movies seathered on energy due to the brasking and formation of bonds. Reactions in which energy is related to the sucroning are excellenter sections, which because that take in hierarchical particles are sections of the control of the threat particles can produce changing or conditions of the column of the column particles can produce changing or color effects that are sent as an advantage of the color of the color of the sent and extra particles of the color of the sent in the color of the color of the sent in the color of the color of the sent in the sent in the color of the sent in the sent in sent in the sent in sent in the sent in t	Exchemic and Endothermic Reactions     Media and Acid Required practical     S. Intergy Profiles     4. Bond Energies (HT only)     5. Batteries and Cells (HT only)     6. Batteries and Cells (HT only)     7. Fuel Cells (triple only)	Electricity, Particles.	Spanx HW, in class teacher questioning, MCQ's, starter tasks	ЕОТТ
utumn 2	CG Rates	central creations can occur a resign director tarse. Whost the restrictivity of himself in a significant close in his text from real restrictivity of himself in a significant close in his text close reactions proceed, there are many variables that can be manipulated in order to speed either up or short medice. The reactions may also be reversible and therefore the effect of different variables needs to be established in order to selembrationing, every changes that ecompany chemical reactions is important for this process. In inclusivy, bentiles and chemical enginess determine the effect of different valuables on reaction rate and yield of product. Whith them why be componented to be made, they carry out produced within a sufficient time, and in an energy efficient wa produced within a sufficient time, and in an energy efficient to produced within a sufficient time, and in an energy efficient to an energy efficient to a contraction of the contraction of the contraction of the produced within a sufficient time, and in an energy efficient to the contraction of the contraction of the contraction of the produced within a sufficient time, and in an energy efficient to the contraction of the contraction of the contraction of the produced within a sufficient time, and in an energy efficient to the contraction of the contraction of the contraction of the contraction of the contraction o	1. Rates introduction 2. Collision Theory and Surface Area 3. Effect Of Temperature 4. Effect of Concentration 5. Required Practic 4. Effect of Concentration 6. Concentration 6. Effect of Concentration 7. Equilibrium	Particle Theory Challegolating cross superiment. Chemical Resistors.	Spanx HW, in class teacher questioning, MOQ's, starter tasks	ЕОТТ
Spring 1	PG Waves	Waves syllabus topics included are: Properties of waves Transceres and longitudinal waves Standard and standard syllabus Tier only) Lenses Black body radiation	Waves syllabus topics included are:  1. Properties of waves  2. Transverse and longitudinal waves  3. Reflection and refraction  4. Sound and ultrasound (Higher Tier only)  5. Lenses  6. Black body radiation	Reflection and absorption of asund  Sound reeds a medium, the speed of sound changes with the medium  Sound reeds a receive, the speed of sound changes with the medium  Sound waves are longitudinal  Hamma auditory gains  Light trends through a vaccuum, speed of light  Light trends through a vaccuum, speed of light  Sound to the speed of the	Spanx HW, in class teacher questioning, MCQ's, starter tasks	ЕОТТ
Spring 1	B6 inheritance. Variation and Evolution	in this section we will discover how the number of chromosomes are halted during meiosis and these combined with ever grees from the sexual partner to profice unique offering. Gene mutations occur continuously and on rare occasions can after the hundrosing of the amount or plant. These mutations may be demanded or supplementation services and the section of the se	Janual and areast reproduction Jahonsteps of seast and assessal Jahonsteps of the Jahonstep of the Jahonstep Jahonstep of the Jahonstep of the Jahonstep Jahonstep of the Jahonstep Jahonstep of the Jahonstep	There is variation between individuals of the same species. Some variation is interient, come is caused by the environment and some is a combination, under the control of the property of the control of the common section of the control of the con	Spanx HW, in class teacher questioning, MCQ's, starter tasks	EOTT
Spring 1	G7 Organic. Chemistry	The chemistry of carbon compounds is so important that it forms a separate beauch of chemistry. A gast variety of carbon compounds is possible because carbon abmire cast from their and rings linked by consistent beauch of their consistent of the carbon compounds as a bind, or once-bind, and a market a broad part of the carbon compounds are bind, or once-bind, and a market a broad part and animals. These survises include from their which are ampler source of redistocks for the petro-bennical industry. Chemists are able to bis organic motivations and modify them in many ways to make new and useful and a consistent of the carbon consistent o	1. Alkanes 2. Fractional Distillation 3. Alkenes 4. Cracking 5. Combustion of Hydrocarbons 6. Alcohold (Triple only) 7. Carbongie Acids and Esters (Triple only) 8. Polymers (Triple only) 9. Structure Of DNA (Triple only) 9. Structure Of DNA (Triple only)	Chemical formaviae. Chemical figuilions Chemical Residues Combustion Soperating Matures Genetics Genetics	Sparx HW, in class teacher questioning, MCQ's, starter tasks	ЕОТТ
Summer 1	G8 Chemical Analysis	Analysis have developed a range of qualitative tests to otherst specific demicials. The test energiates of the section shall produce a gas with distinctive properties, or a colour change or an exclusive solid that appears as a precipitate.  Introduce less that the produce as a precipitate and accurate means of analysing chemicals, and are particularly sentil when the amount of chemical being analyses is small. Foremsic scientists and during combust clientists rely on such instrumental methods in their sent.	Formulations and Purity     Paper Chromatography     Gas Tests     Healt for Positive Ions     Seas To Positive Ions     Seas To Regalive Ions     Seas To Regalive Ions     Instrumental Analysis	Elements, Compounds, Matures Seperating Mintures	Spanx HW, in class teacher questioning, MCQ's, starter tasks	EOTT
Revisio	on and mocks					