

Working together to inspire and achieve

Science Curriculum

Course Options for Key Stage 4

Key Stage 4 Curriculum Options 2020-2021

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1. Introduction

Intent of the curriculum:

The science curriculum has been developed with the intention of ensuring all students develop a deep understanding of the scientific world in which they live.

All students studying the curriculum will be taught what they need to understand and improve an increasingly scientific world.

Prior Learning:

All students in year 7-9 study the school's bespoke thematic curriculum. This provides them with a good grounding in science and allows them the opportunity to experience some aspects of each option course available to them at key stage 4.

Key stage 4 course	Project Link
Trilogy (combined science double GCSE)	All projects
Biology (single science GCSE)	Cluedo
	Space invaders
	Football manager
	Rollercoaster tycoon
	Pandemic
Sports Science Camb. Nat.	Football manager
Horse Care BTEC	Rollercoaster tycoon
Health and Social Care Camb. Nat.	Pandemic
Animal Care ASDAN	Space invaders
	Rollercoaster tycoon
Entry Level Certificate	All projects

Future Destinations:

Key stage 4 course	Future Pathway
Trilogy (combined science double GCSE)	Further study of all three sciences possible at A level- provides two GCSE grades
Biology (single science GCSE)	Further study of Biology at A level- provides one GCSE grade
Sports Science Camb. Nat.	Further study of sports science at higher levels, Biology, PE, Psychology and Combined Science
Entry Level Certificate	Further study of combined science or individual sciences at GCSE

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2. Entry Level Certificate

Long Term Plan:

KS4 Course: Entry Level Certificate Science

Lead Teacher: Adam

Provision type: Onsite and Offsite via IRT

Aims and Learning Outcomes:

- develop their interest in, and enthusiasm for, science
- develop a critical approach to scientific evidence and methods
- acquire and apply social skills, knowledge and understanding of working scientifically and its essential role
- acquire scientific skills, knowledge and understanding necessary for progression to further learning
- apply literacy, numeracy and information technology skills

Assessment Objectives:

- AO1: Show knowledge and understanding of science, and how it works, and apply it where appropriate. Students should be able to:
 - recall scientific facts apply scientific ideas.
- AO2: Demonstrate the ability to design an investigation, take measurements, present data and identify patterns and relationships. Students should be able to:

• plan a simple investigation, identifying the techniques or equipment needed and the method to be followed

- make a simple prediction about the outcome of the investigation
- use equipment and materials safely to take simple measurements or observations that are meaningful and valid
- record the results in an appropriate way
- display the data using an appropriate method
- state what has been found out during the investigation (drawing a conclusion) and describe simple relationships in the data

• simply evaluate the investigation for its success in justifying the initial prediction.

Timing	Unit/Topic	Where it has	Life	Cultural
		been seen	Link/Work	Capital/
		before	Experience	CORE
	Unit 1: The human body:	Key stage 3,	Anatomical	Oracy
		year 7 health	aspects of	develop
14 Hrs	The human body is composed	topic, cells and	the topic	ment in
	of structures called organs,	organisation,	relatable to	discussi
	which are organised into organ	nutrition and	some of the	ons
	systems that carry out all of	digestion.	sporty	about
	the key processes of life.	Skeletal and	students in	taking
	These systems all require		the class,	drugs

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	energy, which is contained in	muscular	who also do	and
	food and released in the cell by	system	sports	alcohol.
	respiration. The organ systems	System	pathways.	dicorioi.
			Discussions	Charact
	are responsible for delivering			
	food and oxygen to the cells		about	er
	and taking away waste. All		fitness and	building
	these key processes, including		sporting	learning
	reproduction, are coordinated		injuries etc.	about
	by the nervous system and a			healthy
	hormone system. A healthy		Others in	lifestyle
	body can be maintained by a		the class are	S.
1 Hrs	balanced diet, exercise and a		smokers or	
3 hrs	healthy lifestyle. Health can be		know	
0	damaged by microbes, which		smokers,	
	can cause infectious diseases.		and learning	
	The body can defend itself		about health	
	-		within this	
	against most diseases but will			
	sometimes need drugs in order		context is	
	to alleviate the symptoms and		relatable.	
	speed recovery		.	
			Potential	
	ESA		work	
	TDA		experience:	
			Hospital visit	
	Unit 2: Environment, evolution,	Key stage 3	Linking	Charact
	and inheritance.	genetics and	evolution	er
14 hrs		ecology topics.	and	develop
	Life on Earth is dependent on	Cells and	inheritance	s as
	photosynthesis to fix carbon	organisation,	to the	student
	dioxide and produce the	photosynthesis	emergence	s learn
	organic molecules used as the	, ,	of covid19	about
	fuels for respiration and life		places	being a
	processes. Living organisms		learning in a	respons
	interact with one another and		relatable	ible
	their environment in many		context.	citizen
			CONCEXL.	in terms
	different ways. Human		Environment	
	behaviours may have beneficial		Environment	of
	or detrimental effects on		al	environ
	natural populations and the		understandi	mental
	environment. The chemicals in		ng is	impact.
	the environment are		developed	
	continually cycling through the		around what	
1 hrs	natural world. Life on Earth		students	
3 hrs	has evolved over time by		hear about	
	natural selection, which		in the news	
	accounts for biodiversity and		such as	
		L		

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	how organisms are related. The characteristics of living things depend on both their environment and their genome. Humans can now use genetic engineering to modify organisms ESA TDA		global warming and pollution. Natural history museum?	
14 hrs 3 hrs 1 hrs	 3. Elements, mixtures and compounds. Matter is composed of tiny particles called atoms and there are about 100 naturally occurring types of atoms called elements. Elements are shown in the periodic table and are either metals or non-metals. Atoms are the building blocks for all substances. When two or more elements combine chemically a compound is produced. Different substances have different combinations of atoms joined together in different ways, which gives them different properties, such as whether they are solid, liquid or gaseous at room temperature. Many materials we use are mixtures. Mixtures can be separated by processes such as filtration. Polymers have many useful applications. TDA 	Key stage 3 chemistry Atoms elements and compounds, pure and impure substances, the periodic table	Some students have ambitions lying in manual labour occupations. Discussing, ideas in this topic in terms of materials they may use or come across, and why certain compounds are used, allows students to see the relevance. Recycling plant?	
	ESA 4. Chemistry in our world Acids react with metals, alkalis and bases to produce compounds known as salts. Many chemical reactions produce a change in	Key stage 3 chemistry Chemical reactions. Earth and atmosphere	Reactions discussed in every day terms; students are aware of fire and	Oracy develop ment in debates over anthrop ogenic

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3 hrs 1 hrs	temperature. Chemical reactions can be made to go faster or slower by changing the conditions. The Earth's atmosphere has changed over billions of years. Human activities increase the amounts of some substances in the atmosphere. Water that is safe to drink is essential for human health.		cleaning chemical for example. Soap maker?	climate change.
14hrs 3 hrs 1 hrs	ESA 5. Energy, forces and the structure of matter Forces are pushes or pulls, and if a force causes an object to move then work is done and energy is transferred. Energy can be transferred usefully, stored or dissipated, but cannot be created or destroyed. A braking force will cause an energy transfer that makes a vehicle slow down and heats the brakes. The braking distance of a vehicle depends on many different things, such as the speed of the vehicle. The energy resources available to use may be divided into renewable and non-renewable. Energy can also be released from atoms, which contain smaller particles such as neutrons and protons in the nucleus, because atoms can break down to emit particles or gamma rays. TDA ESA	Key stage 3 energy and forces topics. Magnetism, the particle model	Forces explored in relatable terms, e.g. forces on a football or a car. Mechanics, break pads.	Resilien ce when discussi ng unpleas ant topics such as driving fatalitie s due to road conditio ns or driving under influenc e resultin g in greater thinking and stoppin g distanc es.

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	6. Electricity, magnetism and	Key stage 3	Students	Debates
	waves	electricity and	love their	surroun
14		magnetism	phones,	ding
	Electricity is used in domestic	topics, static	getting	energy
	and industrial situations to	electricity	them to	producti
	supply energy. Electric current		explore	on
	is a flow of electrical charge		what they	through
	and measured in amps. Direct		know about	renewa
	current (d.c.) is supplied by		their phones	ble and
	cells and alternating current		and their	non-
	(a.c.) is supplied by the mains, but in both cases the size of		circuitry etc.	renewa ble
	the current depends on the		is a good way to	means.
	resistance in the circuit. When		make the	means.
	a current flows through a coil		lesson	
	of wire an electromagnet is		relatable.	
	formed, which like permanent			
3 hrs	magnets, can exert a force		Electrician.	
1 hrs	over a distance. Electric			
	currents can also be used to			
	produce electromagnetic			
	waves, which have many uses			
	including the transmission of			
	information and the transfer of			
	energy from one place to			
	another.			
	TDA			
	TDA ESA			
Entrioc	and Codes:			
	Single Award entry code: 5961			
	Double Award entry code: 5962			
-				

3. Combined Science Trilogy

Long Term Plans:

KS4 Course: Combined Science Trilogy (Year 1)

Lead Teacher: Adam

Provision type: classroom based

Aims and Learning Outcomes:

• GCSE study in combined science provides the foundations for understanding the material world. Scientific understanding is changing our lives and is vital to the world's future prosperity, and all students should be

phenomena of the natural world can be described in terms of a small number of key ideas relating to the sciences which are both inter-linked. and are of universal application. These key ideas include: •the use of conceptual models and theories to make sense of the observed diversity of natural phenomena •the assumption that every effect has one or more cause •that change is driven by differences between different objects and systems when they interact that many such interactions occur over a distance and over time without direct contact •that science progresses through a cycle of hypothesis, practical experimentation, observation, theory development and review •that quantitative analysis is a central element both of many theories and of scientific methods of inquiry. These key ideas are relevant in different ways and with different emphases in the three subjects as part of combined science: examples of their relevance are given for each subject in the introductions: Biology subject content, Chemistry subject content and Physics subject content. GCSE specifications in combined award science should enable students to: •develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics develop understanding of the nature, processes and methods of science, through different types of scientific enquiries that help them to answer scientific questions about the world around them •develop and learn to apply observational, practical, modelling, enquiry and problem-solving skills, both in the laboratory, in the field and in other learning environments •develop their ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions, both qualitatively and quantitatively. Biology, chemistry and physics should be studied in ways that help students to develop curiosity about the natural world, insight into how science works, and appreciation of its relevance to their everyday lives. The scope and nature of such study should be broad, coherent, practical and satisfying, and thereby encourage students to be inspired, motivated and challenged by the subject and its achievements. Assessment Objectives: Assessment objectives (AOs) are set by Ofgual and are the same across all

taught essential aspects of the knowledge, methods, processes and uses of science. They should be helped to appreciate how the complex and diverse

GCSE Combined Science: Trilogy specifications and all exam boards. The exams will measure how students have achieved the following assessment objectives.

•AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.

enqu •AO	2: Apply knowledge and uiry, techniques and pro 3: Analyse information ments and draw conclu	ocedures. and ideas to: ir	nterpret and evalu	ate; make
proc	edures			
Suggested	Unit/Topic	Where it has	Life Link/Work	Cultural
Timing		been seen before	Experience	Capital/CORE
24hrs 27hrs	Unit 1 – Cell Biology and organisation Cells are the basic unit of all forms of life. In this section we explore how structural differences between types of cells enables them to perform specific functions within the organism. These differences in cells are controlled by genes in the nucleus. For an organism to grow, cells must divide by mitosis producing	Old KS3 topics: Cells and organisation Genetics and evolution. Old KS3: Year 7 – atoms elements	Ideas of genes controlling cells and genetic conditions relate to real life, as students have friends/family with conditions that they can understand. Cancer research UK talk? Severn Trent Water?	Opportunities to develop character and oracy by debating ethics surrounding stem cell usage and genetic conditions.
	two new identical cells. If cells are isolated at an early stage of growth before they have become too specialised, they can retain their ability to grow into a range of different types of cells. This phenomenon has led to the development of stem cell technology. This is a	and compounds. Year 8 periodic table		character as students grapple with abstract ideas beyond themselves and daily life. Students may gain an appreciation for being part of a wider whole, made of the same `stuff' as

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	new branch of			everything
	medicine that allows			else.
	doctors to repair			
	damaged organs by			
	growing new tissue			
	from stem cells.			
	Atomic structure			
	and the periodic			
	table			
	The newledie telele			
	The periodic table			
	provides chemists			
	with a structured			
	organisation of the			
	known chemical			
	elements from			
	which they can			
	make sense of their			
	physical and			
	chemical properties.			
	The historical			
	development of the			
	periodic table and			
	models of atomic			
	structure provide			
	good examples of			
	how scientific ideas			
	and explanations			
	develop over time as			
	new evidence			
	emerges. The			
	arrangement of			
	elements in the			
	modern periodic			
	table can be			
	explained in terms			
	of atomic structure			
	which provides			
	evidence for the			
	model of a nuclear			
	atom with electrons			
	in energy levels.			
	Unit 3 – Infection	Old KS3	Students will	Oracy skills
	and response.		be able to	utilised when
12hrs	F	Health (Year	relate to the	discussing
		7)	topic as it links	their thoughts
		- /		

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Pathogens are		strongly to the	on the
microorganisms	Cells and	current	coronavirus
such as viruses and	organisation	coronavirus	and the
bacteria that cause	(year 7)	pandemic.	efficacy of
infectious diseases			lockdown
in animals and		Hospital visit?	restrictions,
plants. They depend		Jay in for a	given the
on their host to		talk?	knowledge
provide the		Sue's	they have
conditions and		experience as	gained
nutrients that they		a nurse.	throughout the
need to grow and			topic. Ethics
reproduce. They			will also be
frequently produce			discussed in a
toxins that damage			similar fashion.
tissues and make us			
feel ill. This section			
will explore how we			
can avoid diseases			
by reducing contact			
with them, as well			
as how the body			
uses barriers against			
pathogens. Once			
inside the body our			
immune system is			
triggered which is			
usually strong			
enough to destroy			
the pathogen and			
prevent disease.			
When at risk from			
unusual or			
dangerous diseases			
our body's natural			
system can be			
enhanced by the			
use of vaccination.			
Since the 1940s a			
range of antibiotics			
have been			
developed which			
have proved			
successful against a			
number of lethal			
diseases caused by			
bacteria.			

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	Unfortunately many groups of bacteria have now become resistant to these antibiotics. The race is now on to develop a new set of antibiotics.	0141/02		working togerner to inspire and achieve
15hrs	Inheritance, variation and evolution In this section we will discover how the number of chromosomes are halved during meiosis and then combined with new genes from the sexual partner to produce unique offspring. Gene mutations occur continuously and on rare occasions can affect the functioning of the animal or plant. These mutations may be damaging and lead to a number of genetic disorders or death. Very rarely a new mutation can be beneficial and consequently, lead to increased fitness in the individual. Variation generated by mutations and sexual reproduction is the basis for natural selection; this is how species	Old KS3 Genetics and evolution (Year 9)	Coronavirus outbreak as well as friends/family with genetic conditions are both relatable issues rooted in the ideas of inheritance, variation and evolution. Natural history museum. Attenborough. Zebra fish man?	Resilience will be developed when discussing perhaps uncomfortable topics of genetic disorders. Plenty of opportunities to develop oracy skills with many ethical debates about conditions and sensitivity to these issues.

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		1	1	Working together to inspire and achieve
	evolve. An understanding of these processes has allowed scientists to intervene through selective breeding to produce livestock with favoured characteristics. Once new varieties of plants or animals have been produced it is possible to clone individuals to produce larger numbers of identical individuals all carrying the favourable characteristic. Scientists have now discovered how to take genes from one species and introduce them in to the genome of another by a process called genetic engineering. In spite of the huge potential benefits that this technology can offer, genetic modification still remains highly controversial.	Veer 7:	Chauld ha	
12hrs	Organic Chemistry The chemistry of carbon compounds is so important that	Year 7: Atoms elements and compounds	Should be easily relatable as every single living thing we know of is	Character building may ensue when discussing human
	it forms a separate branch of chemistry. A great variety of carbon compounds	The particle model	carbon based. Further, organic compounds	consumption of carbon compounds and the output

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is possible because carbon atoms can form chains and rings linked by C-C bonds. This branch of chemistry gets its name from the fact that the main sources of organic compounds are living, or once-living materials from plants and animals. These sources include fossil fuels which are a major source of feedstock for the petrochemical industry. Chemists are able to take organic molecules and modify them in many ways to make new and useful materials such as polymers, pharmaceuticals, perfumes and flavourings, dyes and detergents Entries and Codes:	Year 8: Chemical reactions	such as oil and other fossil fuels with which we are familiar stem from once- living plants/animals. Ratcliffe powerplant. Pharamceutical chemistry.	Voking together to inspire and achieve of carbon from human society	
AQA GCSE in Combined Science: Trilogy Foundation 8464F Higher8464H				

4. Cambridge National Sports Science

Long Term Plans:

KS4 Course: Sports Science Condensed (one year course)

Lead Teacher: Danny

Provision type: Onsite

Aims and Learning Outcomes:

Learners will know how to prepare participants to take part in physical activity in a way which minimises the risk of injuries occurring, how to react to common injuries that can occur during sport and how to recognise the symptoms of some common medical conditions, providing a good foundation to undertake formal first aid training and qualifications.

Learners will consider the variety of ways in which technology is being used in sport to enhance both performance and the experience of sport for performers and for spectators. They will also develop an appreciated of some of the counterarguments regarding the increasing use of technology in sport.

Learners will develop knowledge and understanding of the principles and methods of training and the application of these in the design of training programmes along with practical skills in fitness testing.

Learners will understand key aspects of the structure and function of the musculoskeletal and cardio-respiratory systems and investigate some of the changes which occur to them in response to short and long-term physical activity.

Assessment Objectives:

Topic: Technology in sport

To Know how technology is used in sport and to understand the positive effects of sports technology has upon various sports and spectators. The students will also understand the negative effects of sports technology as well as being able to evaluate the impact certain technologies have had upon various sports.

Topic: Applying principles of training

Students will know the principles of training in a sporting context and be able to identify how training methods target different fitness components. Students will then conduct a series of fitness tests before identifying an area to improve and undertaking a 6 week training programme.

Topic: Body's response to physical activity

Students will know the key components of the musculo-skeletal and cardiorespiratory systems, their functions and roles as well as understanding the importance of the musculo-skeletal and cardio-respiratory systems in health and fitness. Students will be shown how to assess the short and long-term effects of physical activity on the musculo-skeletal and cardio-respiratory systems. **Topic:** Reducing the risk of sporting injuries Apply knowledge and understanding of; sporting events, participants, techniques and link this to the prevention of injuries.

To understand different factors which influence the risk of injury and to be able to link certain sporting injuries to a particular sport.

To understand how appropriate warm up and cool down routines can help to prevent injury and the importance of undertaken a rigorous warm up before physical activity and a thorough cool down after any prolonged period of activity. To know how to respond to injuries within a sporting context and the procedures needed before leading any sessions.

To know how to respond to common medical conditions and why this is important when playing sport.

Suggested Timing	Unit/Topic	Where it has been seen before	Life Link/Work Experience	Cultural Capital/CORE
3-4hrs 1.5 hours 5-6hrs	Technology in sport The importance of being ahead of the game when it comes to innovation. How technology is used to enhance performance, game play and spectatorship. LO1 Know how fitness testing, training aids, equipment, injury prevention and recovery, clothing and footwear impacts athletes. How technology is used to enhance game play. Know the impact of video	Key stage 3 (PE lesson)	Knowing jobs and careers that are available due to these technologies. Use of various presentation skills. How certain technologies work. Use of infrared, speed guns. Discussions regarding aerodynamics and how this works. Applying maths to the sporting technologies. Editorial skills, how to present a news article. Research skills using the internet and other forms of informative tools such as libraries. The importance of opinion in sport. The use of debating and	Technology is everywhere and is an important tool to enjoy sport even more than we do already. How it can be used to improve general fitness and sport aims and goals.

				C See
	refereeing, hawk		listening to others.	Working together to inspire and achieve
	eye, goal line		information/opinion	
	technology,		when articulating	
			in a discussion	
	hotspot, radio and			
	stadiums impacts			
	sports.			
	How technology is			
	used to enhance			
	spectatorship.			
	The impact of			
	stadiums, officials,			
	punditry, TV and.			
	internet has on			
	fans and			
	enjoyment.			
	How tradition is			
	effected.			
	How rule and			
	regulations need			
2hrs-3hrs	changing to			
	accommodate new			
	technologies.			
	NA1			
	Midpoint			
	assessment-			
	LO2 and 3- the			
	positves and			
	negative impact of			
21	technologies on			
2hrs	performance,			
	gameplay and			
	spectatorship.			
	Endpoint			
	Endpoint assessment- L04-			
	Evaluation of a			
	certain technology in			
	depth.			
5-6hrs	To know the key	Кеу	Learn about	Students will get
5 0115	components of the	stage 3	careers in the sport	a better
	-	-		
	musculo-skeletal	(PE	industry that	understanding
	system.	lesson)	require strong	of the
	Changes in heart		knowledge and	musculoskeletal
	rate, breathing		understanding of	system and the
	rate and other key		how the body	cardiorespiratory
	aspects related to		changes during	system. This will
	the cardio-		exercise.	help them make
		1	-	

			C 22
	respiratory system	Research into	Working together to inspire and achieve better decisions
	in the short term.	various categories	on how best to
		-	
	To know the key	that can seriously	keep healthy
	components of the	harm the body.	and the effects
	cardio respiratory	Research skills	various
	system.	using the internet	stimulants can
		and other forms of	have.
	Assessment	informative tools	
	waypoint-	such as libraries.	
	(ongoing each	Design suitable	
	lesson- resources	activities using	
	used to complete	previous	
	LO1 and 2.	knowledge to	
		measure both	
1-2hrs	To know the	short term and	
	impact diet, stress	long term effects	
	and obesity has	of exercise.	
	upon the body.	Methods to record	
	How the body	outcomes of	
	benefits from	various tests.	
	improving	Design and	
	muscular strength	planning of tests	
	and flexibility.	so they are done in	
	and nexionity.	the correct order.	
	Way point	Skills on excel	
1hr	Way point Assessment LO3.		
1111 1111	Assessment LOS.	documenting pre	
		and post work out results.	
	Channes in beaut	results.	
	Changes in heart		
5-6hrs	rate, breathing		
	rate and other key		
	aspects related to		
	the cardio-		
	respiratory system		
	in the long term.		
	To know suitable		
	methods to		
	measure the short		
	term and long		
	term effects of		
	exercise.		
	Endpoint		
	assessment LO3		
	and 4 (done		
	throughout using		
	various resources).		

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2-3hrs	To know the 10	Кеу	To become a	Students will get
	component of fitness. To know what FITTA is. To know what PROS is. Will know how to respond to these in a sporting context. Assessment way	stage 3 (PE lesson)	Personal trainer and to learn about how to set various programmes up. Learn how to set up tests safely. To use various scientific equipment to help complete the components of	experience in using gym equipment and various different training styles to help them train and target a specific area in fitness. It will allow them to set targets and
1hr	point LO1		fitness testing. To complete a gym induction (Covid	help them with deadlines
3-4hrs	Know how training methods target different components of fitness. To know the difference between aerobic and anaerobic exercise. To know the tests of all 10 components of fitness. Waypoint		pending). Be able to set Smart targets and achievable goals. Complete tests that are valid and reliable. Be able to develop fitness training programmes. Evaluating skills will improve when identifying where training could have been improved.	
1hr	assessment LO2		Patience and determination will improve with the	
2-3hrs	To know how to interpret results from the tests undertaken and to identify CofF that need improving.		completion of the programme.	

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1hr	Waypoint assessment L03			
8-9hrs	To know which tests are maximal tests and which ones are sub maximal. To design complete and evaluate a 6 week training program.			
2-3hrs	Endpoint assessment L04			
6-7 Hrs 1 Hrs 6-7 hrs	To know how various extrinsic influences could affect the chances of injury.To know how various intrinsic influences could affect the chances of injury. To know how poor posture can lead to various sports injuries such as pelvic tilt and kyphosis.WayPoint AssessmentTo understand how appropriate warm ups help reduce	Key stage 3 (PE lesson)	Take part in basic first aid To be able to distinguish between acute and chronic injuries. Be able to give advice using RICE to acute injuries suffered in sport and in general day to day life. To undertake a Risk assessment. To undertake an Emergency action plan and be able to locate emergency exists in certain key places. To know what cramp is and how to prevent it and	Will allow students to gain skills that could be needed to help somebody who has suffered an injury/medical condition. Gives them a base knowledge to set them up for first aid courses in the future
1 hour	the chance of injuries. To understand how appropriate cool downs help reduce the chance of injuries. To know how to respond to		get rid of it. Will be able to work out heart rates, training zones and be able to utilise these skills in other units. Will gain skills to be able to organise	

	-		Working together to inspire and achieve
	an injury in sport setting Know how to respond to certain medical conditions.	and run warm up sessions.	
	Endpoint assessment		
Entries and	l Codes:		
 entr 	y code: J812		
R041	,		
R042			
R043			
R046			