# Key Stage 5 - Curriculum Map 2022-2024

	0
Year 12 Extended Certificat e	Unit 1 Skelet
	Musci

## Jnit 1 Body Systems

#### keletal System:

- Axial and Appendicular Skeleton
- Functions of skeleton/types of bone
- Classification of joints
- Types of synovial joint
- Structures and functions of synovial joints
- Joint movements
- Structure and function of vertebral column
- The impact of physical training and lifestyle on skeletal system

# Muscular System:

- Muscles acting at synovial joints
- Types of muscle contraction
- Structure and function of muscles fibre types
- Muscle fibres and performance
- Impact of physical activity, training and lifestyle on the muscular system

# **Unit 1 Body Systems**

## Cardiovascular System:

- Structures of the heart and their roles
- Stroke volume, heart rate and cardiac output
- Structure of blood vessels
- Components and functions of the blood
- Vascular shunt mechanism and the role of arterioles and precapillary sphincters
- Impact of physical activity, training and lifestyle on the cardiovascular system

#### •

# Respiratory System:

- Structure and function of the lungs
- Respiratory muscles used during exercise
- Mechanics of breathing
- Gaseous exchange
- Tidal volume, breathing frequency and minute ventilation
- Impact of physical activity, training and lifestyle on the respiratory system

### **Energy Systems:**

- The three energy systems
- The energy continuum and how intensity and duration determines which system is used
   The recovery processes

## Unit 2 - Sports Coaching and Activity Leadership

Roles and responsibilities of sports coaches and activity leaders:

- Roles
- Responsibilities
- Roles and responsibilities involved in teaching and delivering sport.

Underpinning principles which underpin coaching and leadership

- Principles of leadership
- Group Dynamics
- Attributes of coaches and leaders

Use methods to improve skills, techniques and tactics in sport:

- Methods for identifying strengths and weaknesses in
- Classification of skills and types of practice
- Methods for measuring improvement in skills, techniques and deployment of tactics

### Unit 2 - Sports Coaching and Activity Leadership

Be able to plan sports and activity sessions:

- Review participants needs
- Key considerations when planning
- SMART goal setting

Be able to prepare sports and activity environments:

- Preparing equipment for sports/activity sessions
- Preparing the environment for sports/activity sessions
- Assessing and minimising risks before sports/activity sessions
- Appropriate safeguarding policies and procedures

Be able to deliver sports and activity sessions:

- Preparing participants for sport/activity sessions
- Delivering warm-up activities
- Delivering sports/activity sessions
- Concluding coaching sessions

Be able to review sports and activity sessions

## Unit 8 - Organisation of Sports Events

Types of events:

- Tournaments, participative, fundraising, coaching courses, outdoor and adventurous, sports camps
- Purpose of events

Roles and responsibilities involved in planning and delivery of sports events

- Roles
- Responsibilities

Planning and promoting a sports event:

- Planning an event in school
- Promoting the event using different formats social media, posters, messages, word of mouth

Deliver and review a sports event:

- Deliver the event to the target group
- Review the event Strengths, weaknesses, areas for development.

Links	KS3	KS4	KS3	KS4	KS3	KS4	KS3	KS4
	Introduction to	R185 - TA3	Introduction to	R185 - TA3 Planning a	Skills, techniques and	R185 - TA1 roles and	Leading safe and effective	JSLA
	components of fitness (muscular	Planning a safe and effective	components of fitness	safe and effective warm-up.	deployment in tactics in a range of sports/activities.	responsibilities	warm-ups	Leadership ME
	strength	warm-up.	(cardiovascular	wann-up.	range of sports/activities.	R185 - TA4 - Apply practice	Outdoor adventurous	'
	/endurance)	·	endurance)	Healthy ME Pathway	Select and use strategies in	methods to support	activities - problem	R185 - TA3 - Planning a sports activity session & risk
	Muscles in the		Benefits of		different environments.	improvement in a sporting activity	solving.	assessment
	body -		regular Physical		Self-analysis of performance		Attending	R185 - TA4 - Delivering a
	HRE/Warm-ups		Activity		Peer coaching/reciprocal	Competitive ME Pathway	fixtures/inter-tutor opportunities throughout	sports activity session. R185 - TA5 - Evaluating a
			Methods of		teaching	R185 - TA3 - Planning a sports	school	sports activity session.
			training		Opportunities to officiate in	activity session.		
					sports	R185 - TA4 - Delivering a sports activity session.		R187 - TA3 - Planning an outdoor adventurous
					Leading safe and effective	R185 - TA5 - Evaluating a sports		activity and risk assessment.
					warm-ups	activity session.		
					Peer coaching/reciprocal			
					teaching			
					Calf analysis of narformance			
					Self analysis of performance			
Year 13	Unit 3 Sports Organ	nisation and	Unit 3 Sports Organ	nisation and	Unit 8 - Organisation of Sports I	<u>Events</u>	Unit 18 Practical SKills in Sp	
Extended Certificat	Development How sport in the U	K is organised:	Development Understand sports	development in practice	Types of events:		<ul><li>Apply skills, techniques and t</li><li>Appropriate selection</li></ul>	tactics in individual sport:
е	Organisa	ations involved in	Method	s of delivering sports		pative, fundraising, coaching	Creativity and flair	
	Sport in		development Characteristics of sports development		courses, outdoor and adventurous, sports camps		Use of tactics and strategies     Design making	
	· ·		ts (purpose, aims, scale,	Purpose of events		<ul> <li>Decision making</li> <li>Ability to manage/maintain performance</li> </ul>		
	organisations that impact organisations, funding/investmen			n, Roles and responsibilities involved in planning and delivery of		Adaptability during own performance		
	UK sport methods of p  • How different		methods of promot	ion)	sports events		<ul><li>Apply skills, techniques and t</li><li>Appropriate selection</li></ul>	tactics in a team sport:
	organisations interact Advantage			advantages of sports	• Roles		Creativity and flair	
	Sports Development:  Sports Development:  • Cost		•		<ul> <li>Responsibilities</li> </ul>		<ul><li>Use of tactics and strat</li><li>Decision making</li></ul>	egies
	Definitions and sports		• Time		Planning and promoting a sport	s event:	Ability to manage/mair	ntain performance
	·	ment roles	Expertise	•	Planning an event in	school	Adaptability during ow	•
	Purpose     develop	of sports ment		resource f accountability	Planning an event in	3011001	Apply skills and knowledge in Outdoor Adventurous Activities:	
				measures			• Types	

	Sports development continuum		<ul> <li>Promoting the event using different formats - social media, posters, messages, word of mouth</li> <li>Deliver and review a sports event:         <ul> <li>Deliver the event to the target group</li> <li>Review the event - Strengths, weaknesses, areas for development.</li> </ul> </li> </ul>			Skills and knowledge required for participation Officiate in sport and physical activity     Roles (umpire, scorer, timekeeper, line judge)     Responsibilities of officials     Apply rules and regulations relevant to the sport     Communication and positioning				
Links	R184 - TA1 - Barriers to participation.  R184 - TA4 - Role of NGBs in promoting Sport	KS3	KS4 R184 - TA1 - Barriers to participation. SOlutions to barriers.  R184 - TA4 - Role of NGBs in promoting Sport		Leading safe and effective warm-ups  Outdoor adventurous activities - problem solving.  Attending fixtures/inter-tutor opportunities throughout school	KS4 JSLA  Leadership ME  R185 - TA2 - Planning a sports activity session & risk assessment R185 - TA3 - Delivering a sports activity session. R185 - TA4 - Evaluating a sports activity session.  R187 - TA3 - Planning an outdoor adventurous activity and risk assessment.	KS3	Psychomotor - Developing and applying skills Refining skills into techniques Applying skills and techniques Developing strategies Opportunities to officiate in a range of sports Problem solving Outdoor adventurous activities	• • • • •	R185 – TA1/TA2- Developing use of team and individual strategies. R185- TA3- Officiating R187- TA1- Types of outdoor activities R187 - TA4 - Demonstrating skills in Outdoor Activities

Year 12	
Diploma	

# Unit 4 Working Safely in Sport, Exercise Health and Leisure

**Emergency Procedures:** 

- Types of emergency
- Types of environment
- Roles and responsibilities during emergencies
- emergency Procedures Health and safety requirements in sport, exercise, health and leisure:
  - Health and safety legislation
  - Duty of Care
  - Roles of individuals responsible for health and safety
  - Types of security procedure in sport
  - Key health and safety documents

How to minimise risk in Sport, exercise, health and leisure:

- Possible hazards
- Hazards and the environments they occur
- Risk assessments
- Ways to minimise risk
- Key documentation
- Roles and responsibilities in risk management

# <u>Unit 4 Working Safely in Sport , Exercise Health</u> <u>and Leisure</u>

First Aid (First aid qualification)

- Requirements of health and safety (first aid regulations)
- Role and responsibilities of a first aider
- Emergency first aid at work
- Contents of a first aid box

Safeguarding children and vulnerable adults in sport:

- Meaning of safeguarding
- Protecting self and others against allegations of abuse
- Safeguarding requirements
- Types of abuse
- Signs of abuse
- Dealing with suspected abuse
- Organisations involved in safeguarding

## Unit 13 - Health and fitness testing for sport

Fitness testing in sport:

- Fitness tests for different sports
- Advantages and disadvantages of fitness tests

### Client consultation:

- Methods of consultation
- Health monitoring procedures
- Health monitoring tests
- Conduct during client consultation
- Importance of screening

Plan fitness testing sessions:

- Planning considerations (Validity, reliability, sequencing, normative data)
- Organisation and planning of fitness testing activities (equipment, risk assessment)

Administer testing session:

- Administer tests effectively
- Sequencing to ensure validity and reliability
- Adapt fitness testing as appropriate

Interpret results of fitness tests and provide feedback:

- Interpret results (collate and place in context)
- Provide feedback to clients (showing a range of methods to present data)

## Unit 11 - Physical Activity for specific groups.

Provision of physical activity for specific groups:

- Target groups (who, how why)
- Provision and providers
- Campaigns (local and national)

Benefits and barriers to participating in physical activity for specific groups:

- Physiological benefits
- Psychological benefits
- Sociological benefits
- Barriers to participation

Exercise referral process

Planning physical activity sessions for specific groups:

Planning considerations

Links KS3 KS4	KS3	KS4	KS3	KS4	KS3	KS4	
Health and R185 - TA		R185 - TA1 - Roles and	Introduced to components of	R185- TA2/TA3- Planning		R185- TA2/TA3- Planning	
safety and	implications	responsibilities of a	fitness – Health Related	and delivering a session	Benefits of regular Physical	and delivering a session	
implications responsib	· ·	sports leader	Exercise (HRE)	(including risk assessment	Activity (HRE)	(including risk	
involved in a sports le		R185- TA2/TA3- Planning			Activity (IINL)	assessment	
athletics R185- TA2		and delivering a session	Muscles in the body	Healthy ME	Introduced to components of		
Planning a	and Health and safety	(including risk	iviascies in the souy		fitness – Health Related Exercise	Healthy ME	
Health and delivering	g a implications	assessment)	Health and safety implications		(HRE)		
safety session (ir	including involved in PE -		involved in PE - Use of		,		
implications risk assess	ssment) Use of facilities in	R187 - TA3 - Planning an	facilities in safe manner		Muscles in the body		
involved in	safe manner	outdoor adventurous					
PE - Use of R187 - TA	A3 - (fitness suite)	activity	Benefits of regular Physical		Refine and adapt ideas and plans		
facilities in Planning a	an		Activity – (HRE)		in response to changing		
safe manner outdoor		Leadership ME	receivey (TINE)		circumstances		
(fitness adventure	ous		Opportunities to load				
suite) activity			Opportunities to lead		Health and safety implications		
			warm-ups during PE		involved in PE - Use of facilities in		
Leadershi	ip ME				safe manner (fitness suite)		
					Methods of training & how the		
					body responds to exercise.		
Year 13 Unit 19 - Sports Psycholog	an.		Unit 17 Sports Injuries and Reha	hilitation	Unit5 Performance Analysis in Spor		
	ation for sport and exercise		Common sports injuries and the		Performance Profiling	<u>.</u>	
Types of motival	•		Chronic and acute specific and acute specific and acute specific and acute specific acute s		What is performance pro	filing	
Goal setting			Common causes of ch	•	Objectives of performance	_	
	motivation from participation to	elite	Signs and symptoms	•	The performance profilin		
Differences in	goal setting from participation t	o elite	<ul> <li>Common causes of ac</li> </ul>	cute injuries	<ul> <li>The why and how of adap</li> </ul>	oting performance profiling	
Understand attribution th	•		<ul> <li>Signs and symptoms</li> </ul>		Recording performance profiling		
	lel of Attribution Theory		Possible psychological effects of suffering a sports		Identifying focus areas for performance profiling		
	The effect of different attributions on sport and exercise			injury  Re able to minimize yield of specific injuries		Carry out performance profiling	
Attribution ret  Understand the effect of	•	ort and evercise	Be able to minimise risk of sports injuries  • Extrinsic factors which can influence the risk of		Carry out a performance profile for a sport of their choice		
Stress	Understand the effect of stress, anxiety and arousal in sport and exercise			Extrinsic factors which can influence the risk of injuries		Rating a performers level of achievement	
• Anxiety				Intrinsic factors which can influence the risk of		profiling results	
-	Arousal				Plan for improvement ba		
● Arousal			<ul><li>injuries</li><li>Steps that can be taken to minimise the risk of</li></ul>		Analyse performance		
	ontrolling stress, anxiety and aro	usal	<ul> <li>Steps that can be take</li> </ul>	en to minimise the risk of	Analyse performance		
Methods of co	ontrolling stress, anxiety and aro nce of group dynamics in team sp		<ul> <li>Steps that can be take sports injuries</li> </ul>	en to minimise the risk of	Analyse performance     Analysis of performance	and how it can be used	
Methods of co     Understand the importan     Stages of group	•		sports injuries • Safety measures which	ch are intrinsic to sports	<ul><li>Analysis of performance</li><li>Methods of performance</li></ul>	analysis	
Methods of co     Understand the importan     Stages of group     Cohesion	nce of group dynamics in team sp up development		sports injuries  • Safety measures which Be able to respond to acute sport	ch are intrinsic to sports ts injuries when they occur	<ul> <li>Analysis of performance</li> <li>Methods of performance</li> <li>Pros and cons of performance</li> </ul>	analysis ance analysis	
Methods of co     Understand the importan     Stages of group     Cohesion     Steiner's mode	nce of group dynamics in team sp up development el of group effectiveness		sports injuries Safety measures whice Be able to respond to acute sport Appropriate courses of	ch are intrinsic to sports ts injuries when they occur of action immediately	<ul> <li>Analysis of performance</li> <li>Methods of performance</li> <li>Pros and cons of perform</li> <li>Appropriate methods to</li> </ul>	analysis ance analysis analyse performance	
Methods of co Understand the importan     Stages of groul     Cohesion     Steiner's mode     Methods for in	nce of group dynamics in team sp up development	ports and group exercise	sports injuries  • Safety measures which Be able to respond to acute sport	ch are intrinsic to sports ts injuries when they occur of action immediately ury	<ul> <li>Analysis of performance</li> <li>Methods of performance</li> <li>Pros and cons of performance</li> </ul>	analysis Jance analysis analyse performance methods	

	Use of exercise to treat certain psychosomatic illnesses     Different psychological impacts of sport and exercise for elite performers and participants		rehabilitation of sports in  Different ager treating injurie The way agen injuries Seeking out ex Plan a rehabilitation prog Different type support rehab Physiological in Indications for an injury Different grad Different phas Exercises that rehabilitation Client based for rehabilitation Assessing the Plan a client's	cies and professionals involved in escies support rehabilitation of sports external help ramme for a specific sports injury sof treatment that can be used to illitation from sports injury esponse to rehabilitation techniques and against identified treatment for escof muscle injury es of treatment can be used as part of a programme actors when planning a sports injury programme needs of a client rehabilitation programme of adaptations to the programme if it		Selecting the appropriate feedback methods for a range of sporting situations	
Links	Taking part in competitive sports/activities.     Benefits of regular physical activity (HRE)     Competitive ME     Challenge ME     Healthy ME	R185 - Developing skills, strategies and tactics as an individual or a part of a team.	Leading safe a effective warm-ups.     Muscles in the body.     Leadership Mi	Leadership TA2 and TA3. Planning and delivering safe	KS3 Self-analysis ( Peer analysis Reciprocal teathletics and sport/activities	(Y8 and Y9) aching in other	

Year 12	Unit 7 - Improving Fitness for Sport	Unit 14 -Working in Active Leisure Facilities	Unit 6 - Group Exercise to Music	
Extended	Understand principles applied in fitness training	Active leisure sector	Selecting music for use in group exercise to music sessions	
Diploma	Components of fitness	Types of active leisure organisation	Types of group exercise session	
	Principles of training	The role of active leisure organisations	<ul> <li>Psychological effects of music on exercise</li> </ul>	
	<ul> <li>Methods of training</li> </ul>	Facilities and activities offered by active leisure organisations	<ul> <li>Legalities of using music in group exercise</li> </ul>	
	<ul> <li>Benefits of methods of training</li> </ul>	Roles within active leisure organisations	Sources of music	
	Be able to plan fitness programmes	How active leisure organisations attract customers	<ul> <li>Use of music in group exercise sessions</li> </ul>	
	<ul> <li>Collect relevant information about the participant</li> </ul>	Success criteria for active leisure organisations	Be able to plan group exercise to music sessions	
	Considerations which will affect planning	The importance of customer care in active leisure	<ul> <li>Methods of collecting participant information</li> </ul>	
	Carry out risk assessments	Types of customer and their needs and expectations	Baseline physical assessment of participants	
	Planning a fitness session	How to establish and maintain customer care standards	Carry out risk assessment	
	Delivering a fitness programme	Importance of customer care and being people-centred	Use collected information to inform planning	
	Deliver fitness sessions	How to respond to customer feedback and complaints	<ul> <li>Planning considerations</li> </ul>	
	Deliver a fitness training programme	Complete daily cleaning and tidying operations	Be able to deliver, progress and adapt group exercise to music	
	Evaluate a fitness programme	Cleaning in an active leisure environment	sessions	
	Use a range of methods to gain feedback	How to carry out cleaning in an active leisure environment	Start a session	
	Analyse feedback	How to deal with spillages, breakages and rubbish and the disposal of	Structure, pace and flow	
	Evaluate how improvements can be made	waste	Motivate	
		Safe storage of cleaning equipment	Communicate	
		Setting up and taking down equipment in active leisure	Adapt	
		Types of equipment and their uses	Conclude a session	
		Health and safety considerations	Be able to evaluate group exercise to music sessions	
		How to set up and take down equipment  On able to maintain and store equipment in an active leigure any iron ment.	<ul> <li>Use a range of methods to gain feedback</li> <li>Analyse feedback</li> </ul>	
		Be able to maintain and store equipment in an active leisure environment  Carrying out routine maintenance on active leisure equipment	Evaluate how improvements could be made	
		can ying out routine maintenance on don't reisanc equipment	Evaluate now improvements could be made	
		How to store active leisure equipment		
Links	KS3 KS4	KS3 KS4	KS3 KS4	
LIIIKS	Healthy ME     Healthy ME.	• Leadership ME. • Competitive ME - organising	Health and     Healthy ME.	
	Components     R185 - TA2, TA3 and	Health and Fitness - correct	Fitness: R185 - TA2, TA3 and	
		use of fitness suite end of the term.	·	
	of fitness (Y7) TA4. Planning,  • Methods of delivering and		Components of TA4. Planning, delivering and	
	_	equipment.  • R185 - TA1 - Roles of a sports leader.	` '	
	training evaluating a sports (Y8/Y9) activity session.	leader.		
	(Y8/Y9) activity session.  • Health and		training (Y8) activity session.	
			• Fitness	
	fitness		programming (Y9)  • Leadership ME	
	programming (Y9)		Leadership ME	
Year 13	Unit 21 The Business of Sport	Unit 20 - Sports and Exercise Sociology	Unit 12 Nutrition and Diet for Sport and Exercise	
Extended	Understand the types of sports business and their	Applying sociological theories to sport	Principles and importance of a balanced diet	
Diploma	organisational structures	Sociological theories - Functionalism, Conflict & Feminism	Meaning of a balanced diet	
Dipiona	What is a sports business?	Application of theories to sport (Strengths and weaknesses)	Importance of a balanced diet	
	Types of sports business	Understand how media can influence society and sport	·	
	Types of sports business	Onderstand now media can initidence society and sport	Components of a balanced diet	

Corp	Measuring such business     Managing staff retention)     Customer attraverstand how voluntees     Why sports bu Types of volunteers     Managing volunteers     Sustainability     Corruption in second states and obtainnesses and obtainnesses and obtainnesses of functions who grants functions who grants functions who requests     Who grants functions where grants functions who grants functions who grants functions who grants functions who grants	denvironment usinesses are managed cess dependent on types of sports  if (recruitment, contract types, action and retention ers support sport businesses usinesses use volunteers iteer in sport & roles undertaken by unteers ibility (CSR) USR UVES CSR to sports organisations sport sports businesses taining funding ding nding funding grants is used for ding ion in sport and physical activity action in sport and how it has	•	Types of media and how they The influence of media on spo and issues in society that affect spocial sisues: Gender issues Deviance Socio Economic issues Racial/cultural issues Political issues Legal issues Strategies to overcome sociolo w sport can exercise can impact Impacts (positive and negative Role models Health Economic Education Raising awareness of issues Government Race/Culture Community	ort and society port  ogical issues in sport on society	Understand energy balar  Energy intake  Energy balance  Caloric requir  Understand the importar  Hydration  Fluid intake  Effects on spo  The effects of supplements  Methods of ta  Effects on spo  Understand the psycholo	quirements for different groups the the tements for different groups the of hydration in sport and exercise that and exercise performance that on diet and performance in sport that supplements that and exercise performance that and exercise performance that and exercise performance that and exercise performance that supplements that and exercise performance that are the
Links KS3	<ul> <li>Sports         Leadership -             volunteering             to support             school sports             events.     </li> </ul>	◆ R184 - TA4 - Role of NGBs in sport.	KS3	Social ME.	KS4  ● R184 - TA1 - Barriers which affect participation in sport.	<ul> <li>KS3</li> <li>Healthy ME.</li> <li>Health and Fitness</li> </ul>	KS4  ◆ Healthy ME.