## **PE Curriculum Intent**

The PE curriculum is designed in order for all students to experience and learn a wide variety of skills across a number of different sports, health and exercise. This aims to encourage lifelong participation in sport, health and exercise post education. Across three key stages the department aims to increase knowledge on how to play, access and compete in a multitude of sports and activities be it team or individual pursuits. The curriculum follows progressive schemes of learning which begin in KS3 and lead through to the end of KS5. The curriculum also introduces students to a number of sporting careers so they can make informed choices regarding higher education.

The PE department has a number of academic qualifications which build on learning to help students progress to further education. There are a variety of qualifications to choose from in order to cater to the needs of different learners at Vyners. There are two academic pathways at KS4; GCSE PE and OCR Sports Studies which lead into two academic options at KS5; A-Level PE and CTEC in Sport and Physical Activity. The PE department have a proven track record of excellent results giving students an excellent platform into higher education.

Curricular PE is also streamlined with co-curricular activities with students being able to represent the school based on their attainment in lessons alongside their commitment to the co-curricular program.

| КS3 | Throughout KS3 students are exposed to a wide range of games based and PE based activities. During Year 7 and 8 there is an emphasis on the development of core skills, movement and knowledge development. Students will learn how to move, coordinate and develop their physical attributes through progressive schemes of learning. Students will have 2 PE lessons a week; one lesson will focus on a games based activity (Rugby, Football, Hockey, Basketball, Netball, etc) and the other will be based around Physical Education (Fitness, OAA, Badminton, Gymnastics, Dance etc.). Throughout KS3 students will be exposed to KS4 terminology to enable them to gain insight into the academic language, options available post KS3.<br>All students study Core PE which follows the National Curriculum Programmes of Study for KS3.<br>Students also have the opportunity to study Enrichment PE or Sports Studies. These courses will focus on transferable skills development in preparation for KS4 studies. |
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| KS4 | <b>Core PE:</b><br>PE at KS4 remains constant throughout every student's timetabled curriculum. Students will continue with two core PE lessons a week which further builds on what has been delivered across KS3. As students mature there is an increased emphasis on the technical and tactical development of their previously learnt knowledge. The curriculum is progressive from KS3 and builds on the knowledge developed during these years. As students progress through KS4 their options in PE increase and they are able to have a selective approach to what they choose to participate in. This is encouraged by the department to increase the likelihood of a long lasting love for Physical Education extending past curricular PE. <b>GCSE PE:</b>  |

|     | One academic option is GCSE PE. This is available for students to select towards the end of Year 9 following on from parents' evening discussion, careers evening, careers fayre and tutorial information sessions. This course is completed over two years finishing with two terminal examinations in Year 11 which equates to 70% of the qualification. 30% of the qualification is made up of a practical assessment where students will be assessed in three sports consisting of one team sport, one individual sport and one other either team or individual. This will be assessed alongside a personal exercise program which is completed as coursework during theory lessons. Students taking GCSE PE will have 5 timetabled lessons a fortnight. Year 9 students will be delivered a skeleton SOW as an enrichment PE lesson to allow students to develop the relevant knowledge and transferable skills that will allow them to transition to Year 10 content. <b>Sports Studies:</b> The second academic option is Sports Studies. This is available for students to select towards the end of Year 8 following on from parents is a modular qualification where students study Units across the three years completing a unit before progressing onto the next. This qualification has a combination of assessments which include coursework, practical assessment and one unit of examination which will be sat in Year 11. This qualification is favoured by students who prefer coursework and a modular framework opposed to terminal examinations.  |
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| KS5 | A-Level PE:<br>Our A Level in Physical Education develops knowledge, understanding and skills relevant to physical education. Students gain<br>understanding of the scientific, psychological and socio-cultural factors that underpin physical activity, and demonstrate their<br>ability as either performer or coach. This qualification is filled with a range of content across the sporting spectrum developing<br>individuals' knowledge in preparation for a possible career in teaching, sports medicine, nutrition, coaching, strength and<br>conditioning to name a few. This course is completed with three terminal exams completed in the summer of Year 13.<br><b>Sport and Physical Activity Diploma:</b><br>This qualification provides learners with the knowledge, understanding and skills that they need to prepare them for employment<br>or higher education in the sports, health and leisure industry. The qualification is equivalent in size to two 'A' levels studied over<br>two years. The qualification is a level 3 qualification for post - 16 learners who want to achieve their potential and progress to the<br>next stage of their lives whether it be in higher education, an apprenticeship or employment. It aims to develop students'<br>knowledge, understanding and skills of the principles of sport and physical activity to a wide range of participants. This<br>qualification is modular and students progress through units of study throughout the two year course. There are three<br>examinations two of which are completed in January of Year 12 and one in January of Year 13. |

|   | PE Curriculum Implementation |       |        |       |        |       |        |       |        |       |        |       |
|---|------------------------------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| Autumn 1         Autumn 2         Spring 1         Spring 2         Summer 1         Summer |                              |       |        |       |        |       | mer 2  |       |        |       |        |       |
| Year 7 -  | Girls:                       | Boys: | Girls: | Boys: | Girls: | Boys: | Girls: | Boys: | Girls: | Boys: | Girls: | Boys: |

| Core PE                        | Netball<br>Fitness                  | Rugby<br>Fitness                                    | Football<br>Badminton                 | Football<br>Gymnast                         | Basketball<br>OAA                           | Hockey<br>OAA                                 | Hockey<br>Gymnast                     | Basketball<br>Badminton                          | Athletics<br>Cycling                           | Athletics<br>Cycling   | Striking<br>World<br>Sports                 | Striking<br>World<br>Sports                           |
|--------------------------------|-------------------------------------|---|---------------------------------------|---|---|---|---------------------------------------|--|--|--|---|---|
| Year 8 -<br>Core PE            | <b>Girls:</b><br>Netball<br>Fitness | <b>Boys:</b><br>Rugby<br>Badminton<br>/Table Ten    | <b>Girls:</b><br>Handball<br>Dance    | <b>Boys:</b><br>Football<br>Hockey          | <b>Girls:</b><br>Hockey<br>Badminton        | <b>Boys:</b><br>Basketball<br>Fitness         | <b>Girls:</b><br>Basketball<br>OAA    | <b>Boys:</b><br>Handball<br>Gymnast              | <b>Girls:</b><br>Athletics<br>Striking         | <b>Boys:</b><br>Athletics<br>World<br>Sports                 | <b>Girls:</b><br>Cycling<br>World<br>Sports | <b>Boys:</b><br>Striking<br>Cycling                   |
| Year 9 -<br>Core PE            | <b>Girls:</b><br>Netball<br>Fitness | <b>Boys:</b><br>Rugby<br>Net<br>Games               | <b>Girls:</b><br>Handball<br>OAA      | <b>Boys:</b><br>Football<br>Hockey          | <b>Girls:</b><br>Basketball<br>Volleyball   | <b>Boys:</b><br>Handball<br>Fitness           | <b>Girls:</b><br>Football<br>Lacrosse | <b>Boys:</b><br>Basketball<br>Lacrosse           | <b>Girls:</b><br>Athletics<br>Net<br>Games     | Boys:<br>Athletics<br>OAA                                    | <b>Girls:</b><br>Striking<br>Cycling        | <b>Boys:</b><br>Striking<br>World<br>Sports           |
| Year 9<br>Enrichm<br>ent<br>PE | - Lifestyl<br>- Sedenta             | fits of PA<br>e Choices<br>ry Lifestyle<br>ced Diet |                                       | al System<br>ar System                      | - Injuries<br>- Perfo                       | ar System<br>s in Sport<br>rmance<br>ng Drugs | Cardiovasc<br>- Func                  | tions of<br>ular System<br>tions of<br>ry System | Fitr<br>- Fitness<br>- Principles              | onents of<br>less<br>s Testing<br>of Training<br>of Training | Sp<br>- Sportsr<br>Gamesr                   | ialisation of<br>oort<br>manship,<br>nanship,<br>ance |
| Year 9<br>OCR<br>Sport         | Unit<br>OAA - Pro                   | Dutcome 1:<br>RO56<br>ovision and<br>vities         | Unit<br>OAA - Pro                     | Dutcome 1:<br>RO56<br>ovision and<br>vities | Unit<br>OAA - Pro                           | Dutcome 2:<br>RO56<br>ovision and<br>vities   | Unit<br>OAA - Pro                     | Dutcome 3:<br>RO56<br>ovision and<br>vities      | Unit<br>OAA - Pro                              | Dutcome 3:<br>RO56<br>ovision and<br>vities                  | Unit I<br>OAA - Pro                         | Dutcome 4:<br>RO56<br>ovision and<br>vities           |
| Year 10<br>-<br>Core PE        | <b>Girls:</b><br>Netball<br>OAA     | Boys:<br>Rugby<br>Badminton                         | <b>Girls:</b><br>Handball<br>Lacrosse | <b>Boys:</b><br>Football<br>Basketball      | <b>Girls:</b><br>Basketball<br>Net<br>Games | <b>Boys:</b><br>Hockey<br>Gaelic<br>Football  | <b>Girls:</b><br>Football<br>Fitness  | <b>Boys:</b><br>Handball<br>Volleyball           | <b>Girls:</b><br>Athletics<br>Trampolini<br>ng | Boys:<br>Athletics<br>Cycling                                | <b>Girls:</b><br>Striking<br>Cycling        | <b>Boys:</b><br>Striking<br>World<br>Sports           |

| Year 10<br>- GCSE<br>PE   | - Lifestyle<br>- Sedentai   | its of PA<br>e Choices<br>ry Lifestyle<br>ced Diet | - Hyd<br>- Skeleta<br>- Muscula<br>- System                   | im Weight<br>Iration<br>al System<br>ar System<br>s working<br>ether                          | - Perfo<br>Enhanci<br>- Fitness<br>Exe<br>- Compo<br>Fitr<br>- Fitness<br>- Principles | s in Sport<br>rmance<br>ng Drugs<br>s, Health,<br>rcise<br>onents of<br>ness<br>s Testing<br>s of Training<br>of Training | Sys                                   | ory System<br>s working                          | Ene<br>- Energy<br>- Participa<br>- Commerc<br>Sp<br>- Sports<br>Gamesr | Anaerobic<br>ergy<br>Sources<br>tion Rates<br>ialisation of<br>ort<br>manship,<br>nanship,<br>ance |  | l Exercise<br>me (PEP)                                |
|---------------------------|---|--|---|---|--|---|---------------------------------------|--|---|--|--|---|
| Year 10<br>- OCR<br>Sport |   | R053<br>eadership                                  |   | <b>R053</b><br>eadership  |  | <b>R053</b><br>eadership  | Unit<br>Sports Le                     | R053<br>eadership                                |   | R053<br>eadership  | Developii  | <b>R052</b><br>ng Sports<br>ills                      |
|                           | Learning Outcome 1 -<br>Know the personal<br>qualities, styles, roles<br>and responsibilities<br>associated with effective<br>sports leadership |  | Know the<br>qualities, s<br>and respo<br>associa<br>effective | Dutcome 1 -<br>e personal<br>styles, roles<br>onsibilities<br>ated with<br>e sports<br>ership | Be able to   | <b>Jutcome 2 -</b><br>plan sports<br>sessions   |                                       | outcome 3 -<br>to deliver<br>vity session        | Be able to<br>own perfo<br>delivering                                   | <b>Dutcome 4 -</b><br>o evaluate<br>rmance in<br>g a sports<br>session                             | Be able to<br>techniq<br>tactics/st<br>compositior | ues and<br>trategies/<br>nal ideas as<br>al performer |
| Year 11 -<br>Core PE      | <b>Girls:</b><br>Netball<br>Lacrosse  | <b>Boys:</b><br>Rugby<br>Badminton                 | <b>Girls:</b><br>Handball<br>OAA                              | <b>Boys:</b><br>Football<br>Basketball  | <b>Girls:</b><br>Basketball<br>Volleyball  | <b>Boys:</b><br>Handball<br>Fitness   | <b>Girls:</b><br>Rounders<br>Football | <b>Boys:</b><br>Indoor<br>Football<br>Volleyball | <b>Girls:</b><br>World<br>Sports<br>Cycling                             | <b>Boys:</b><br>Softball<br>World<br>Sports  | -  | -   |

| Year 11 -<br>GCSE<br>PE       | - Short term effects of<br>PA<br>- Long term effects of<br>PA<br>- Lever System<br>- Planes and Axes   | -Classification of Skills<br>- Goal Setting<br>- SMART Targets<br>- Types of Guidance<br>- Types of Feedback<br>- Mental Preparation<br>- Warm Up<br>- Cool Down<br>December Mocks   | - Personal Exercise<br>Programme (PEP)  | <ul> <li>Practical Evidence<br/>Gathering</li> <li>Muscular System<br/>Revision</li> <li>Cardiovascular<br/>System Revision</li> <li>Components of<br/>Fitness, Methods of<br/>Training, Fitness<br/>Testing Revision</li> </ul> | <ul> <li>Injuries Revision</li> <li>Guidance and<br/>Feedback Revision</li> <li>Lever System &amp;<br/>Planes of Movement<br/>Revision</li> <li>Commercialisation,<br/>Mental Rehearsal,<br/>Sportsmans, Games,<br/>Deviance Rev</li> </ul> | Exams   |
|-------------------------------|--|--|---|--|---|---|
| Year 11 -<br>OCR<br>Sport     | Unit R052<br>Developing Sports Skills<br>Learning Outcome 2 -<br>Be able to use skills,<br>techniques and<br>tactics/strategies/<br>compositional ideas as<br>a team performer in<br>sporting activity | Unit R052<br>Developing Sports<br>Skills<br>Learning Outcome 3 -<br>Be able to officiate in a<br>sporting activity<br>Learning Outcome 4 -<br>Be able to apply<br>practice methods to<br>support improvement in<br>a sporting activity | Unit R051<br>Contemporary Issues in<br>Sport<br>Learning Outcome 1 -<br>Understand the issues<br>which affect<br>participation in sport | Unit R051<br>Contemporary Issues in<br>Sport<br>Learning Outcome 2 -<br>Know about the role of<br>sport in promoting<br>values   | Unit R051<br>Contemporary Issues in<br>Sport<br>Learning Outcome 3 -<br>Understand the<br>importance of hosting<br>major sporting events  | Unit R051<br>Contemporary Issues in<br>Sport<br>Learning Outcome 4 -<br>Know about the role of<br>national governing<br>bodies in sport |
| Year 12<br>- A<br>Level<br>PE | Emergence &<br>Evolution of Modern<br>Sport:   | Emergence &<br>Evolution of Modern<br>Sport:   | Global Sporting<br>Events   | Global Sporting<br>Events  | Ethics and Deviance<br>in Sport   | Ethics and Deviance<br>in Sport   |

| Socio-<br>cultural<br>Studies                   | <ul> <li>How social and<br/>cultural factors shaped<br/>the characteristics of,<br/>and participation in,<br/>sports and pastimes in<br/>pre-industrial Britain</li> <li>How social and<br/>cultural factors shaped<br/>the characteristics of,<br/>and participation in,<br/>sport in post 1850<br/>industrial Britain:</li> </ul> | <ul> <li>How social factors<br/>shaped the<br/>characteristics of, and<br/>participation in, sport in<br/>20th century Britain</li> <li>How contemporary<br/>factors are shaping the<br/>characteristics of, and<br/>participation in, sport in<br/>the 21st century</li> </ul> | - The Modern Olympic<br>Games  | -Hosting global sporting<br>events<br>o positive and negative<br>impacts on the host<br>country/city of hosting a<br>global sporting event<br>(such as the Olympic<br>Games or FIFA World<br>Cup) | - Drugs and doping in<br>sport<br>- Violence in Sport   | <ul> <li>Violence in Sport</li> <li>Gambling in sport</li> <li>Commercialisation<br/>and Media</li> <li>Factors leading to the<br/>commercialisation of<br/>contemporary physical<br/>activity and sport</li> <li>Positive and negative<br/>impacts of the<br/>commercialisation</li> <li>Coverage of sport by<br/>the media today and<br/>reasons for changes<br/>since the 1980s</li> <li>Positive and negative</li> </ul> |
|---|---|---|--|---|---|--|
|   |   |   |  |   |   | effects of the media on sport  |
| Year 12<br>- A<br>Level<br>PE<br>Anat &<br>Phys | Joints, movements<br>and muscles<br>- Shoulder<br>- Elbow<br>- Wrist<br>- Hip<br>- Knee<br>- Ankle<br>- Planes of Movement  | Muscle contraction<br>during exercise of<br>differing intensities<br>and during recovery<br>Cardiovascular<br>system at rest<br>- Resting values<br>- Cardiac Cycle   | Respiratory system at<br>rest<br>- Relationship between<br>resting values<br>- mechanics of<br>breathing at rest and<br>the muscles involved<br>Respiratory system<br>during exercise of | Diet and nutrition - Function and importance of the components of a healthy, balanced diet - Energy intake and expenditure and energy balance in physical activity and performance                | Strength training - Types of strength - Factors that affect strength - Methods of evaluating each type of strength - Training to develop strength | Periodisation of<br>training<br>- Periodisation cycles<br>- Phases of training<br>- Tapering to optimise<br>performance<br>- How to plan personal<br>health and fitness  |

| Functional roles of   | - Conduction System                          | differing intensities                         |   | - Physiological                                  | programmes for                                 |
|---|--|---|---|--|--|
| muscles and types of<br>contraction                                   | Cardiovascular                               | and during recovery                           | Ergogenic aids  | adaptations from<br>strength training            | aerobic, strength and<br>flexibility training. |
| contraction   | system during                                | - effects of differing                        | - use of ergogenic aids;                                    | Sachgaraanng                                     | nexionity training.                            |
| - Roles of Muscles  | exercise of differing                        | intensities of exercise                       | potential benefits and                                      | - Activities and sports in                       | Impact of training on                          |
| - Types of Contraction  | intensities and during<br>recovery           | and recovery                                  | risks:  | which strength is a key<br>fitness component.    | lifestyle diseases                             |
| Analysis of movement  |  | - mechanics of                                | <ul> <li>Pharmacological</li> </ul>                         |  | The effect of training on                      |
|   | - Effects of different                       | breathing during                              | aids  | Flexibility training                             | lifestyle diseases:                            |
| Skeletal muscle   | exercise intensities and                     | exercise of differing                         | Physiological aids  | The second flow that the                         |  |
| contraction   | recovery                                     | intensities and during<br>recovery, including | Nutritional aids  | - Types of flexibility                           | <ul> <li>cardiovascular system</li> </ul>      |
| <ul> <li>structure and role of<br/>motor units in skeletal</li> </ul> | - Redistribution of<br>cardiac output during | additional muscles<br>involved                | Aerobic training  | - Factors that affect<br>flexibility             | <ul> <li>respiratory system</li> </ul>         |
| muscle contraction  | exercise of differing                        | - regulation of breathing                     | <ul> <li>Aerobic capacity and</li> </ul>                    |  |  |
|   | intensities and during                       | during exercise of                            | maximal oxygen uptake                                       | - Methods of evaluating                          | Year 12 Mock Exam                              |
| <ul> <li>nervous stimulation of<br/>the motor unit</li> </ul>         | recovery                                     | different intensities and                     | (VO2 max)   | flexibility                                      | and Study Leave                                |
|   | - Mechanisms of                              | during recovery                               | - Methods of evaluating                                     | - Training used to                               |  |
|   | venous return during                         | - effect of differing                         | aerobic capacity  | develop flexibility                              |  |
|   | exercise of differing                        | intensities of exercise                       |   |  |  |
|   | intensities and during                       | and recovery on gas                           | - Intensity and duration                                    | - Physiological                                  |  |
|   | recovery                                     | exchange at the alveoli                       | of training used to   | adaptations from                                 |  |
|   |  | and at the muscles                            | develop aerobic   | flexibility training                             |  |
|   | - Regulation of heart                        |   | capacity  |  |  |
|   | rate during exercise                         |   | The use of terrest  | - Activities and sports in                       |  |
|   |  |   | <ul> <li>The use of target<br/>heart rates as an</li> </ul> | which flexibility is a key<br>fitness component. |  |
|   |  |   | intensity guide   | niness component.                                |  |
|   |  |   | - Physiological   |  |  |
|   |  |   | adaptations from  |  |  |
|   |  |   | aerobic training  |  |  |
|   |  |   | - Activities and sports in                                  |  |  |
|   |  |   | which aerobic capacity                                      |  |  |
|   |  |   | is a key fitness  |  |  |
|   |  |   | component.  |  |  |

| Year 12<br>- A<br>Level<br>PE<br>Psychol<br>ogy | Classification of Skills<br>justification of<br>placement of skills on<br>continua<br>Types and methods of<br>practice<br>characteristics and uses<br>of each | Transfer of skills<br>types of transfer:<br>• positive • negative<br>• proactive • retroactive<br>Principles and<br>theories of learning<br>movement skills<br>Learning Theories<br>Stages of learning<br>• cognitive<br>• associative<br>• autonomous<br>Guidance<br>types and uses of<br>guidance | Feedback<br>intrinsic • extrinsic<br>• positive • negative<br>• knowledge of<br>performance<br>• knowledge of results<br>Psychology of Sport<br>- Individual differences<br>(Aggression, Arousal,<br>Anxiety, Personality,<br>Attitude, Motivation) | Group and team<br>dynamics in sport<br>definition of a group<br>• the formation of<br>groups and sports<br>teams using stages of<br>group development<br>• forming • storming<br>• performing<br>Steiner's model of<br>group effectiveness<br>Ringelmann effect and<br>social loafing.<br>Exam Preparation | Injuries in Sport<br>acute injuries resulting<br>from a sudden stress to<br>the body:<br>• hard tissue injuries<br>• soft tissue injuries<br>• concussion<br>• chronic injuries<br>resulting from<br>continuous stress to the<br>body:<br>• soft tissue injuries<br>• hard tissue injuries<br><b>Exam Preparation +</b><br><b>Revision of Year 12</b><br>topics | Exam Preparation +<br>Revision of Year 12<br>topics<br>Introduction to Year<br>13 Topics |
|---|---|---|---|--|---|--|
| Year 12<br>- OCR<br>Sport                       | Unit 3 - Sports<br>Organisation and<br>Development  | Unit 3 - Sports<br>Organisation and<br>Development  | Unit 8 - Sports<br>Organisations  | Unit 8 - Sports<br>Organisations   | Unit 8 - Sports<br>Organisations  | Unit 13 - Fitness<br>Testing   |
|   | Unit 11 - Physical<br>Activity for Specific<br>Groups   | Unit 11 - Physical<br>Activity for Specific<br>Groups   | Unit 11 - Physical<br>Activity for Specific<br>Groups   | Unit 5 - Performance<br>Analysis   | Unit 5 - Performance<br>Analysis  | Unit 5 - Performance<br>Analysis   |
|   | Unit 1 - Body Systems<br>and the effects of<br>Physical Activity  | Unit 1 - Body Systems<br>and the effects of<br>Physical Activity  | Unit 2 - Sports<br>Coaching and Activity<br>Leadership  | Unit 2 - Sports<br>Coaching and Activity<br>Leadership   | Unit 2 - Sports<br>Coaching and Activity<br>Leadership  | Unit 2 - Sports<br>Coaching and Activity<br>Leadership                                   |

| Year 13<br>- A<br>Level<br>PE                   | Commercialisation<br>and Media<br>- Relationship between<br>sport and the media<br>Routes to Sporting<br>Excellence in UK<br>- Talent Identification<br>- UK Sport and National<br>Institutes<br>- Dropout rates/Failures<br>- Schools, clubs, unis   | Modern Technology in<br>Sport<br>- Elite Performance<br>- General Participation<br>- Fair Outcomes<br>- Entertainment   | Evaluation and<br>Analysis of<br>Performance for<br>Improvement  | Evaluation and<br>Analysis of<br>Performance for<br>Improvement<br>Practical Assessment   | Revision<br>Exam Practice  | Revision<br>Exam Practice        |
|---|---|---|--|---|--|----------------------------------|
| Year 13<br>- A<br>Level<br>PE<br>Anat &<br>Phys | Adenosine<br>Triphosphate (ATP)<br>and energy transfer<br>- ATP as 'energy<br>currency'<br>- Principle of<br>energetically coupled<br>reactions<br>Energy systems and<br>ATP resynthesis<br>- Energy systems:<br>• ATP-PC<br>(Phosphocreatine)<br>system<br>• glycolytic system<br>• aerobic system | <ul> <li>The recovery process</li> <li>- How the body returns to its pre-exercise state</li> <li>- Fast components of EPOC, the processes that occur and the duration</li> <li>- Slow components of EPOC, the processes that occur and the duration</li> <li>- Slow components of EPOC, the processes that occur and the duration</li> <li>- Effect of exercise intensity on EPOC and implications</li> </ul> | Biomechanical<br>principles<br>- Define and apply<br>Newton's laws of<br>motion<br>- Force<br>Levers<br>- Components of a<br>lever system<br>- 1st class lever<br>- 2nd class lever<br>- 3rd class lever | Analysing movement<br>through the use of<br>technology<br>- Definitions and uses<br>of: • limb kinematics<br>• force plates<br>• wind tunnels<br>- How each type of<br>technology may be<br>used to optimise<br>performance in sport.<br>Linear motion<br>- Definition of linear<br>motion. | Fluid Mechanics - Factors that impact the magnitude of air resistance (on land) or drag (in water) on a body or object Projectile motion - Factors affecting the horizontal distance traveled by a projectile - Free body diagrams showing the forces acting on a projectile | Revision and Exam<br>Preparation |

| <ul> <li>ATP resynthesis<br/>during exercise of<br/>differing intensities<br/>and durations</li> <li>The energy continuum</li> <li>Predominant energy<br/>system used during<br/>exercise</li> <li>Interplay of energy<br/>systems during<br/>intermittent exercise<br/>and factors that affect<br/>this interplay</li> </ul> | Exercise at altitude<br>- Effect of altitude on<br>the cardiovascular and<br>respiratory systems<br>- Acclimatisation,<br>including the<br>importance of timing<br>arrival, at altitude<br>(above 2400m).<br>Exercise in the heat<br>- Effect of heat on the<br>cardiovascular and<br>respiratory systems | - Mechanical advantage<br>of a 2nd class lever | <ul> <li>The centre of mass</li> <li>Following quantities of linear motion</li> <li>Plot and interpret graphs of linear motion</li> <li>Angular motion <ul> <li>Definition of angular motion</li> <li>Force about one (or more) of the three axes of rotation:</li> <li>Definitions, calculations and units of measurement for each quantity of angular motion</li> <li>Factors affecting the size of the moment of inertia of a rotating body</li> <li>The relationship between moment of inertia and angular velocity</li> <li>The conservation of angular motion to the angular analogue</li> </ul> </li> </ul> | once in<br>Flight<br>- Resolution of forces<br>acting on a projectile in<br>flight using the<br>parallelogram of forces<br>- Patterns of flight paths<br>as a consequence of<br>the relative size of air<br>resistance and weight<br>- The addition of lift to a<br>projectile through the<br>application of<br>Bernoulli's principle:<br>- Angle of attack to<br>create an upwards lift<br>force on a projectile<br>- Design of equipment<br>to create a downwards<br>lift force:<br>- Use of spin in sport to<br>create a Magnus force,<br>causing deviations to<br>expected flight paths: |  |
|---|---|--|--|--|--|

| Year 13<br>- A<br>Level<br>PE<br>Psychol<br>ogy | Goal setting in sports<br>performance<br>importance and<br>effectiveness of goal<br>setting<br>• for attentional focus<br>• persistence on tasks<br>• raising confidence and<br>self-efficacy<br>• control of arousal and<br>anxiety | Injuries in sport<br>Leadership in sport<br>characteristics of<br>effective leaders<br>•emergent or<br>prescribed leaders<br>• leadership styles<br>• autocratic<br>• democratic<br>• laissez-faire | Stress management<br>to optimise<br>performance<br>definition and causes of<br>stress<br>• use of cognitive<br>stress management<br>techniques: • positive<br>thinking/self-talk •<br>negative thought<br>stopping • rational<br>thinking • mental<br>rehearsal • imagery •<br>goal setting •<br>mindfulness • | of Newton's first law of<br>motion<br>- Interpret graphs of<br>angular velocity,<br>moment of inertia and<br>angular momentum.<br><b>Memory models</b><br>Atkinson and Shiffren's<br>multi-store memory<br>model • use of selective<br>attention • Craik<br>and Lockhart's levels of<br>processing model •<br>relate both models to<br>learning and performing<br>physical activity skills. | Exam Preparation and<br>Revision | Exam Preparation and<br>Revision |
|---|--|---|--|---|----------------------------------|----------------------------------|
|   |  |   | goal setting •   |   |                                  |                                  |
|   | performance <ul> <li>the SMART principle</li> </ul>  | <ul> <li>theories of leadership</li> <li>trait perspective</li> </ul>   | use of somatic stress<br>management<br>techniques:   |   |                                  |                                  |
|   | (Specific, Measurable,<br>Achievable, Recorded,<br>Time phased)  | <ul><li>social learning</li><li>interactionist</li></ul>  | <ul> <li>progressive muscular<br/>relaxation</li> <li>biofeedback</li> <li>centring technique</li> </ul>   |   |                                  |                                  |
|   | Attribution  | •Chelladurai's<br>multidimensional model<br>of sports leadership  | breathing control.<br>Confidence and<br>self-efficacy  |   |                                  |                                  |

|                           | Weiner's model of   |                              |  |                                |                                |  |
|---------------------------|---|------------------------------|--|--------------------------------|--------------------------------|--|
|                           | attribution   |                              | •definitions of sports confidence and  |                                |                                |  |
|                           | <ul> <li>stability dimension<br/>(unstable and stable)</li> </ul> |                              | self-efficacy  |                                |                                |  |
|                           | locus of causality  |                              | •the impact of sports confidence on:   |                                |                                |  |
|                           | dimension (internal and external)                                 |                              | <ul> <li>performance</li> </ul>  |                                |                                |  |
|                           | <ul> <li>controllability</li> </ul>                               |                              | <ul> <li>participation</li> </ul>  |                                |                                |  |
|                           | dimension   |                              | <ul> <li>self-esteem</li> </ul>  |                                |                                |  |
|                           | learned helplessness     as a barrier to sports     performance   |                              | •Vealey's model of sports confidence:  |                                |                                |  |
|                           | <ul><li>performance</li><li>mastery orientation to</li></ul>      |                              | <ul> <li>trait sports confidence</li> <li>competitive orientation</li> <li>state sports</li> </ul> |                                |                                |  |
|                           | optimise sports<br>performance                                    |                              | confidence   |                                |                                |  |
|                           |   |                              | subjective perceptions     of outcome  |                                |                                |  |
|                           |   |                              | •Bandura's theory of<br>self efficacy:   |                                |                                |  |
|                           |   |                              | performance     accomplishments  |                                |                                |  |
|                           |   |                              | <ul> <li>vicarious experiences</li> <li>verbal persuasion</li> </ul>                               |                                |                                |  |
|                           |   |                              | • emotional arousal.   |                                |                                |  |
| Year 13<br>- OCR<br>Sport | Unit 13 - Fitness<br>Testing                                      | Unit 13 - Fitness<br>Testing | Unit 19 - Sports<br>Psychology   | Unit 19 - Sports<br>Psychology | Unit 19 - Sports<br>Psychology |  |
|                           |   |                              |  |                                |                                |  |

| Unit 17 – Sports  | Unit 17 – Sports  | Unit 17 – Sports  | Unit 17 – Sports  | Unit 17 – Sports  | - |
|---|---|---|---|---|---|
| Injuries and  | Injuries and  | Injuries and  | Injuries and  | Injuries and  |   |
| Rehabilitation  | Rehabilitation  | Rehabilitation  | Rehabilitation  | Rehabilitation  |   |
| Unit 4 - Working<br>Safely in Sport,<br>Exercise, Health and<br>Leisure | Unit 4 - Working<br>Safely in Sport,<br>Exercise, Health and<br>Leisure | Unit 18 - Practical<br>Skills in Sport and<br>Physical Activities | Unit 18 - Practical<br>Skills in Sport and<br>Physical Activities | Unit 18 - Practical<br>Skills in Sport and<br>Physical Activities |   |

|                           | Subject                                      |   | FUNCTIONS OF ASSESSMENT   |   |
|---------------------------|--|---|---|---|
|                           | PE KS3                                       |   | FUNCTIONS OF ASSESSMENT   |   |
|                           |  | <b>FORMATIVE;</b><br>The instructional guidance that identifies central points of learning and plans for the progression of individuals students. | SUMMATIVE;<br>This describes individuals learning at the end of<br>an instructional unit by comparing it against a<br>standard or benchmark. (High Stakes<br>Assessment)                                      | EVALUATIVE;<br>This is about institutional<br>accountability and comes after<br>terminal exams.   |
| TI<br>ME<br>SC<br>AL<br>E | Annually                                     | Assessment in each sport/activity undertaken<br>and students graded against M,S,D,E criteria  | An end of year grade is generated from all of the activities completed over the year – an average is taken.<br>Students will sit a short assessment testing them on their knowledge from the terms PE lessons | The grade at the end of the year is<br>compared to their projected grade.<br>Their grade plays an important<br>part in generating set lists and<br>deciding on options. |
|                           | Interim<br>Could be termly or<br>half termly | Half termly schemes of learning are completed.<br>The assessment criteria is shared with students<br>in the first few weeks.                      | Half termly schemes of learning assessed<br>against criteria at the end of every half term.<br>At the data points, an average of the activities<br>completed so far is taken.                                 |   |
|                           | Weekly                                       | Verbal feedback.<br>Questioning.<br>Suggestions of clubs to go to extend learning<br>further.   |   |   |
|                           | Hourly                                       | Lesson objectives.  |   |   |

| Teacher, peer and self assessment – verbal feedback. |  |
|--|--|
| Questioning.   |  |
| Success criteria explained.                          |  |

|                           | Subject<br>KS4 GCSE &<br>Sport Studies       | FUNCTIONS OF ASSESSMENT  |  |   |
|---------------------------|--|--|--|---|
|                           |  | FORMATIVE;<br>The instructional guidance that identifies central points of<br>learning and plans for the progression of individuals<br>students.   | SUMMATIVE;<br>This describes individuals learning at<br>the end of an instructional unit by<br>comparing it against a standard or<br>bench mark. (High Stakes<br>Assessment) | EVALUATIVE;<br>This is about institutional<br>accountability and comes after<br>terminal exams.   |
| TI<br>ME<br>SC<br>AL<br>E | Annually                                     | Early theory test at the beginning of the year.  | An end of year grade is generated<br>from all of the assessments completed<br>over the year.<br>Year 10/11 Trial exams   | The grade at the end of the year is<br>compared to their projected grade.<br>Their grade plays an important part<br>in whether they should continue the<br>subject as an option in Year 10 and<br>which qualification they should do. |
|                           | Interim<br>Could be termly or<br>half termly | Theory topics are taught in blocks for as long as the topic<br>takes. At the end of the topic a test is sat but it is<br>accumulative, i.e. if topics have been taught before there<br>may also be questions on that topic in the test too.<br>Practical activities are visited throughout year 9 to assess<br>practical capability in terms of the GCSE criteria. | Tests are levelled against the grade boundaries/Predicted grades   |   |
|                           | Weekly                                       | Verbal feedback.<br>Questioning.<br>Suggestions of clubs to go to extend learning further.   |  |   |
|                           | Hourly                                       | Lesson objectives.<br>Teacher, peer and self assessment – verbal feedback.   |  |   |

|  | Questioning.                |  |
|--|-----------------------------|--|
|  | Success criteria explained. |  |
|  | Low stakes testing          |  |
|  |                             |  |

|                           | Subject                                      | FU  | NCTIONS OF ASSESSMENT   |   |
|---------------------------|--|---|---|---|
| PE                        | KS5 A Level                                  |   |   |   |
|                           |  | FORMATIVE;<br>The instructional guidance that identifies central points<br>of learning and plans for the progression of individuals<br>students.  | SUMMATIVE;<br>This describes individuals learning at the<br>end of an instructional unit by comparing it<br>against a standard or bench mark. (High<br>Stakes Assessment) | EVALUATIVE;<br>This is about institutional<br>accountability and comes after<br>terminal exams. |
| TI<br>ME<br>SC<br>AL<br>E | Annually                                     | Early theory test at the beginning of the year.<br>Students assessed in their practical activity.<br>Students assessed in their EAPI assessment.  | An end of year grade is generated from all<br>of the assessments completed over the<br>year.  | The grade at the end of the year is compared to their projected grade.                          |
| -                         | Interim<br>Could be termly or<br>half termly | Theory topics are taught in blocks for as long as the topic takes. At the end of the topic a test is sat but it is accumulative, i.e. if topics have been taught before there may also be questions on that topic in the test too. At least 1 x self/peer/teacher assessment<br>Students studying A level are expected to be practising their one practical activity regularly. | Tests are levelled against the grade<br>boundaries.<br>Grade compared to predicted grades<br>each time an assessment takes place  |   |
|                           | Weekly                                       | Verbal feedback.<br>Low stakes testing<br>Questioning.<br>Suggestions of clubs to go to extend learning further.  |   |   |
|                           | Hourly                                       | Lesson objectives.  |   |   |

| Teacher, peer and self assessment – verbal feedback.<br>Questioning. |  |
|--|--|
| Success criteria explained.  |  |

| F                         | Subject<br>PE KS5 OCR                        | FUNCTIONS OF ASSESSMENT  |  |  |
|---------------------------|--|--|--|--|
|                           |  | FORMATIVE;<br>The instructional guidance that identifies central points<br>of learning and plans for the progression of individuals<br>students.   | <b>SUMMATIVE;</b><br>This describes individuals learning at the<br>end of an instructional unit by comparing it<br>against a standard or bench mark. (High<br>Stakes Assessment) | <b>EVALUATIVE;</b><br>This is about institutional<br>accountability and comes after<br>terminal exams. |
| TI<br>ME<br>SC<br>AL<br>E | Annually                                     | Early theory test in the examined units near the beginning of the year.<br>Coursework unit deadlines are set throughout the year.  | Examined units - a grade is given after<br>sitting the exam.<br>Coursework units are assessed against<br>the exam board criteria.  | The overall grade at the end of the year is compared to their projected grade.                         |
|                           | Interim<br>Could be termly or<br>half termly | Examined units - theory topics are taught in blocks for<br>as long as the topic takes. At the end of the topic a test<br>is sat but it is accumulative, i.e. if topics have been<br>taught before there may also be questions on that topic<br>in the test too.<br>Coursework units – feedback given after submission of<br>coursework. Peer and self assessment | Tests are levelled against the grade boundaries.   |  |
|                           | Weekly                                       | Verbal feedback.<br>Questioning.   |  |  |
|                           | Hourly                                       | Lesson objectives.   |  |  |

|  | Low stakes testing                                   |  |
|--|--|--|
|  | Teacher, peer and self assessment – verbal feedback. |  |
|  | Questioning.   |  |
|  | Success criteria explained.                          |  |