YEAR 10 TERM 1 Applied Anatomy and Physiology 1

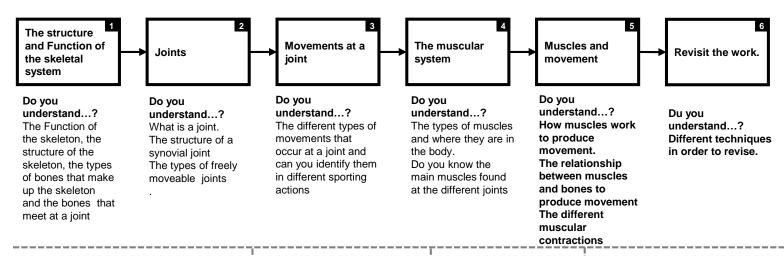
INTENT

Students should develop knowledge and understanding of the key body systems and how they impact on health, fitness and performance in physical activity and sport

ASSESSMENT

Vocab test ,Relevant exam questions to cover AO1,AO2 and AO3 answers,

SEQUENCE OF LEARNING





BUILDS ON...

Any prior knowledge from warmups/cool downs in KSE. HRE lessons in KS3



LINKS TO... Sporting movements Somatotypes Biology Science lessons

TERMINOLOGY

Musculoskeletal Articulating bones Synovial Joints Agonist Antagonist Prime mover Point off insertion Point of origin

VOCABULARY

Names of bones
Name of muscles
Synovial fluid
Synoviale membrane
Bursae
Cartilage
Ligaments
Tendons
Flexion
Extension
Adduction
Abduction
Rotation
Circumduction

CULTURAL CAPITA/SMSCL

Pupils need to give sporting examples which will be generated form British sports like football and netball.

YEAR 10 TERM 1 Anatomy and Physiology

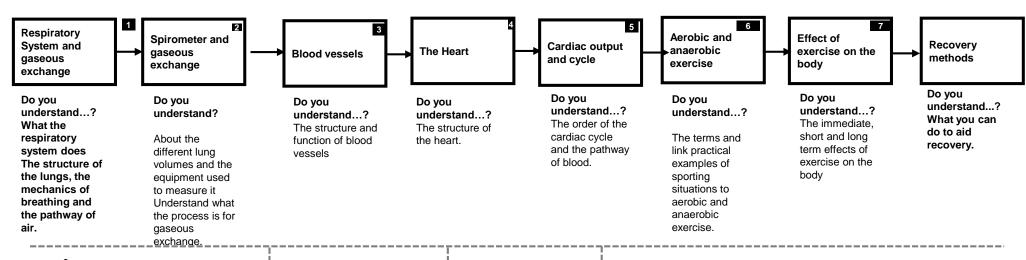
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SEQUENCE OF LEARNING





BUILDS ON...

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LINKS TO...

Sporting movements Somatotypes Biology Science lessons

TERMINOLOGY

Gaseous exchange
Diffusion
Concentration
Inspiration
Expiration
Spirometer
Lung volumes
Expiratory reserve volume
Inspiratory reserve volume
Blood vessels
Heart rate
Stroke volume
Cardiac output

VOCABULARY

Alveoli
Diaphragm
Capillaries
Bronchioles
Bronchi
Trachea
Capillary
Veins
Arteries
Aerobic
Anaerobic
Dehydration

CULTURAL CAPITAL/SMSC

Pupils need to give sporting examples which will be generated form British sports like football and netball.

YEAR 10 TERM 2 Physical Training

INTENT

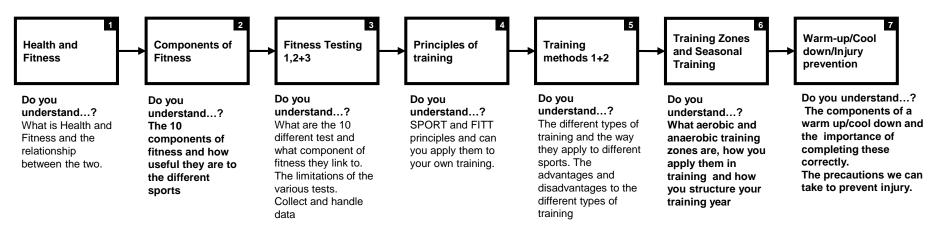
Students should develop knowledge and understanding of the principles of training and different training methods in order to plan, carry out and evaluate personal exercise and training programmes

ASSESSMENT

Completing fitness testing practically and through written work. End of module test.

Completion of the practical written coursework in year 10/11.

SEQUENCE OF LEARNING





BUILDS ON...

Work completed in HRE in KS3 and training methods that they will have experience in KS3 and the fitness module in KS4



LINKS TO...
Vasoconstriction, vasodilation.
Written practical coursework
Maths and handling data
through graphs etc.

TERMINOLOGY

Health Fitness Validity Quantitiative data Qualitative data National norms Specificity Progressive/overload Reversibility Tedium Frequency Intensity Time Type MHR Aerobic Training zone Anaerobic Training zone

DOMS

VOCABULARY

10 Components of Fitness
10 Fitness tests
Types of training
Training threshold
Hydration
Altitude
Pre season
Competitive season
Post season
Pulse raising

CULTURAL CAPITAL/SMSC

Relationship with coaches. Team work. Looking at the countries where training at altitude is possible..

Pupils need to give sporting examples which will be generated form British sports like football and netball.

YEAR 10 TERM 3 Movement analysis

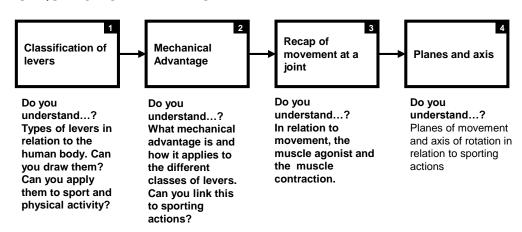
INTENT

Students should develop knowledge and understanding of the basic principles of movement and their effort on performance in physical activity and sport.

ASSESSMENT

End of module test and practice exam questions

SEQUENCE OF LEARNING





BUILDS ON...

Work on the skeletal and muscular systems and helps to analyse movements more specifically.

TERMINOLOGY

Levers Planes Axis

Mechanical Advantage

VOCABULARY

Fulcrum
Load/resistance
Effort
Effort arm
Load arm
Sagittal plane/axis
Transverse plane/axis
Frontal plane
Longitudinal axis

CULTURAL CAPITAL/SMSC

Analysing sporting actions in sports that are common to sports participated in in the UK.



LINKS TO...
Muscular system
Skeletal system
Performance analysis
Maths
Design

YEAR 10 TERM 4 Use of data

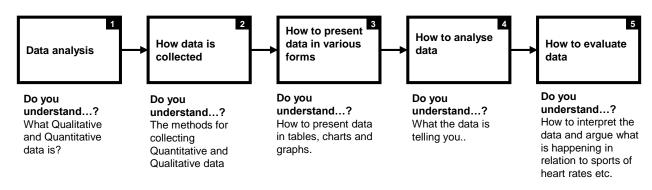
INTENT

Students should develop knowledge and understanding of data analysis in relation to key areas of physical activity and sport.

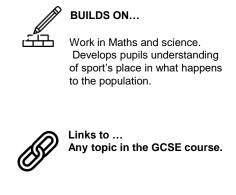
ASSESSMENT

Data handling questions are included in homework's, module tests and mocks.

SEQUENCE OF LEARNING



How data is collected



TERMINOLOGY

Quantitative data Qualitative data Axis Analyse Evaluate

VOCABULARY

Questionnaires Survey Observation Interview Line Chart Bar Graph

CULTURAL CAPITAL/SMSC

Looking at fitness levels of the population Help[s pupils to understand how data is collected and use to inform the population of many different social and cultural issues.

YEAR 11 TERM 1

Physical, emotional, social health and wellbeing

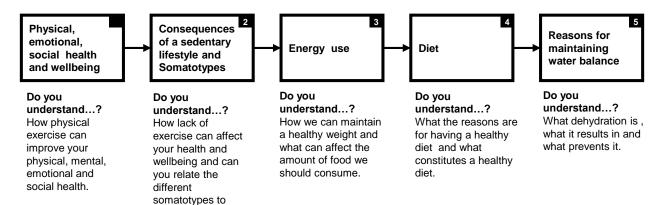
INTENT

Students should develop knowledge and understanding of the benefits of participating in physical activity and sport to health, fitness and wellbeing.

ASSESSMENT

Homework, End of module test.

SEQUENCE OF LEARNING





BUILDS ON... Work in KS3 on importance of exercise

different sports.

LINKS TO...
Food technology, effects of poor diet on a nation.

GCSE Coursework

TERMINOLOGY

BMI Somatotypes Hypertension Obesity Endomorph Ectomorph

Mesomorph

VOCABULARY

Lethargy Obesity Calorie

CULTURAL CAPITAL/SMSC

Effects of poor diet on a nation.

The importance of social emotional and mental health within society.



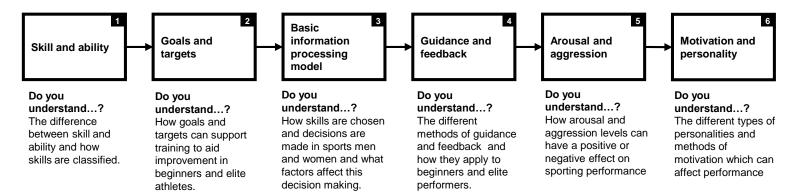
INTENT

Students should develop knowledge and understanding of the psychological factors that can affect performers in physical activity and sport.

ASSESSMENT

Homework and End of Module test.

SEQUENCE OF LEARNING





BUILDS ON... How skills are taught in KS3

LINKS TO...
GCSE COURSEWORK
Psychology

TERMINOLOGY

Skill continuum

Performance Goals
Outcome goals
SMART targets
Basic Information Processing model
knowledge of performance
Knowledge of results
Arousal
Direct and Indirect aggression
Inverted U theory
Mental rehersal
Imagery
Positive self talk

VOCABULARY

Skill
Ability
Classification
Trait
Input
Decision making
Outcome
Feedback
Short term memory
Long term memory
Intrinsic feedback
Extrinsic feedback
Extrovert
Introvert

CULTURAL CAPITAL/SMSC

How coaches can motivate performers and monitor improvement.

The changes to the changes in perception of male and female sports in relation to sports that show aggression both direct aggression and indirect aggression.

YEAR 11 TERM 3 Socio-Cultural

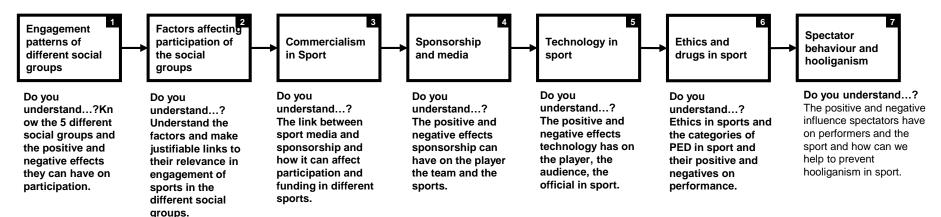
INTENT

Students should develop knowledge and understanding of the socio-cultural factors that impact on physical activity and sport, and the impact of sport on society

ASSESSMENT

End of module test, homework

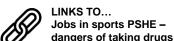
SEQUENCE OF LEARNING





BUILDS ON...

Pupils playing sport in school and being affected by friendship groups or parental support.



TERMINOLOGY

Socio-economic factors Commercialism Golden triangle Hawkeye Prohibited substances Hooliganism

VOCABULARY

Adaptability
Inclusiveness.
Sponsor
Sponsorship
Rehabilitation
Prosthetics
Consumer
Sportsmanship
Gamesmanship
Classification of drugs

CULTURAL CAPITAL/SMSC

Drugs in society
Influences of the media on society
How society feels about hooliganism in sport.
Abiding by the rules and accepting decisions.
Jobs related to sport in society.

How a nation is affected when hosting big sporting events Social groups in society.