#### **Revision Materials**

- Within Google classroom (ngi7zxv) there is QUIZLET and QUIZ available to quickly test your knowledge, revision tasks and test yourself also appear and offer more detailed questioning.
- Electronic (Google classroom) and paper version of the revision notes have been given to you. If you require another one please do ask.
- Homework's will be based on preparation towards your exams and will revolve around securing your knowledge

# and giving you the opportunity to test yourselves. **EXAM ONE:** Date **Applied Anatomy and Physiology Movement Analysis Physical Training** What to Revise The structure and functions of the musculoskeletal system • How the major muscles and muscle groups of the body work antagonistically on the major joints of the skeleton to affect movement in physical activity at the major movable joints The structure and functions of the cardio-respiratory system Blood vessels • Mechanics of breathing – the interaction of the intercostal muscles, ribs and diaphragm in breathing 24th May • Interpretation of a spirometer trace Anaerobic and aerobic exercise The use of aerobic and anaerobic exercise in practical examples of differing intensities The short- and long-term effects of exercise Long-term effects of exercise (months and years of exercising) Lever systems, examples of their use in activity and the mechanical advantage they provide in movement • Analysis of basic movements in sporting examples The components of fitness, benefits for sport and how fitness is measured and improved Linking sports and physical activity to the required components of fitness Reasons for and limitations of fitness testing Effective use of warm up and cool down Warming up and cooling down **EXAM TWO: Sports Psychology** Socio Cultural influences Health Fitness and well being

#### What to Revise

## Classification of skills (basic/complex, open/closed)

Classifications of skill

## **Basic information processing**

Basic information processing model

### Engagement patterns of different social groups in physical activity and sport

Engagement patterns of different social groups and the factors affecting participation

## Commercialisation of physical activity and sport

- Positive and negative impacts of sponsorship and the media
- Positive and negative impacts of technology

# Ethical and socio-cultural issues in physical activity and sport

- Prohibited substances
- Reasons why hooliganism occurs
- Strategies employed to combat hooliganism/spectator behaviour

## Energy use, diet, nutrition and hydration

- Nutrition the role of carbohydrates, fat, protein and vitamins/minerals
- Reasons for maintaining water balance (hydration)

# 10th June