Physics 18975 Demonstrate knowledge of science in sport

Sports Science Level 1, 2 credits



Describe changes that occur due to exercise			
0	Short-term changes that occur when exercising. o pulse rates o breathing	0	sweat production temperature
0	Long-term outcomes of exercise o stamina o strength o skill o suppleness	0	speed recovery rate base pulse rate
Des o	cribe the structure of the skeleto-muscular system. Identify parts of the system: spine rib cage pelvis femur humerus	0	biceps pectorals quadriceps tendon
Ider o o	ntify a joint type needed to produce movement: hinge joint ball and socket joint		
Describe forces and their effect in sport.			
0	identify the forces o friction o weight		
0	identify the effects of forces o balanced o unbalanced		

Solve simple work problems in a sport context

calculation of simple work examples

calculation of simple energy examples

0

0

