

Biomechanics

Define the following terms and provide equations and units where appropriate:

Term	Definition	equation	units
Displacement			
Distance			
Velocity			
Speed			
Acceleration			
Absolute angle			
Segment angle			
Relative angle			
Angular Velocity			
Angular Speed			
Angular Acceleration			
Force			
Inertia			
Impulse			
Momentum			
Torque			
Moment			
Moment of Inertia			
Angular Momentum			
Work			
Energy			
Potential Energy			
Kinetic Energy			
Power			
Drag force			
Air resistance force			
Buoyancy force			
Newton's Laws of motion			
Equations for constant acceleration			