

Kinematics “The Study of Motion”

“Branch of physics dealing with how objects move without reference to the forces or agents that cause the motion.”

Motion is used to describe everyday life;

- GPS tracking, movement/motion of vehicles, projectile motion, air travel, sports, warfare, courier companies, chemistry (chemical kinetics and motion), biology (population dynamics, migrations), water travel, space travel, forensics, architecture, physiotherapy, stage productions, etc.

Basics of Motion:

- Measurement & Calculation (Skills)
- Uniform and Accelerated motion (Experimental and Mathematical Descriptions)
- Vectors & Scalars