

REFERENCE POINT

THE POINT THAT IS USED TO DETERMINE MOTION OF AN OBJECT

POSITION

IS A REFERENCE TO MOVEMENT OF AN OBJECT

DISTANCE

THE TOTAL PATH AN OBJECT TAKES AS IT MOVES FROM ONE LOCATION TO ANOTHER

SPEED

RATE OF CHANGE OF AN OBJECT'S POSITION.

VELOCITY

RATE OF CHANGE OF
DISPLACEMENT (SPEED AND
DIRECTION).

MOTION

CHANGE IN AN OBJECT'S
POSITION, USING STARTING POINT,
ENDING POINT, REFERENCE POINT

MASS

A MEASUREMENT OF THE
AMOUNT OF
MATTER IN AN OBJECT.

WEIGHT

THE MEASURE OF THE FORCE OF
GRAVITY
OF AN OBJECT.

POSITIVE ACCELERATION

THE RATE OF INCREASE OF SPEED
OR THE RATE OF CHANGE OF
VELOCITY.

NEGATIVE ACCELERATION

SIMPLY INDICATES THE DIRECTION
OF THE ACCELERATION, AND CAN
MEAN THAT AN OBJECT IS EITHER
INCREASING OR DECREASING IN
VELOCITY

LAW OF UNIVERSAL GRAVITATION

THIS LAW STATES THAT ALL
OBJECTS ARE ATTRACTED TO EACH
OTHER BY A GRAVITATIONAL
FORCE.

GRAVITATIONAL FORCE

THE FORCE OF ATTRACTION
BETWEEN ALL MASSES IN THE
UNIVERSE