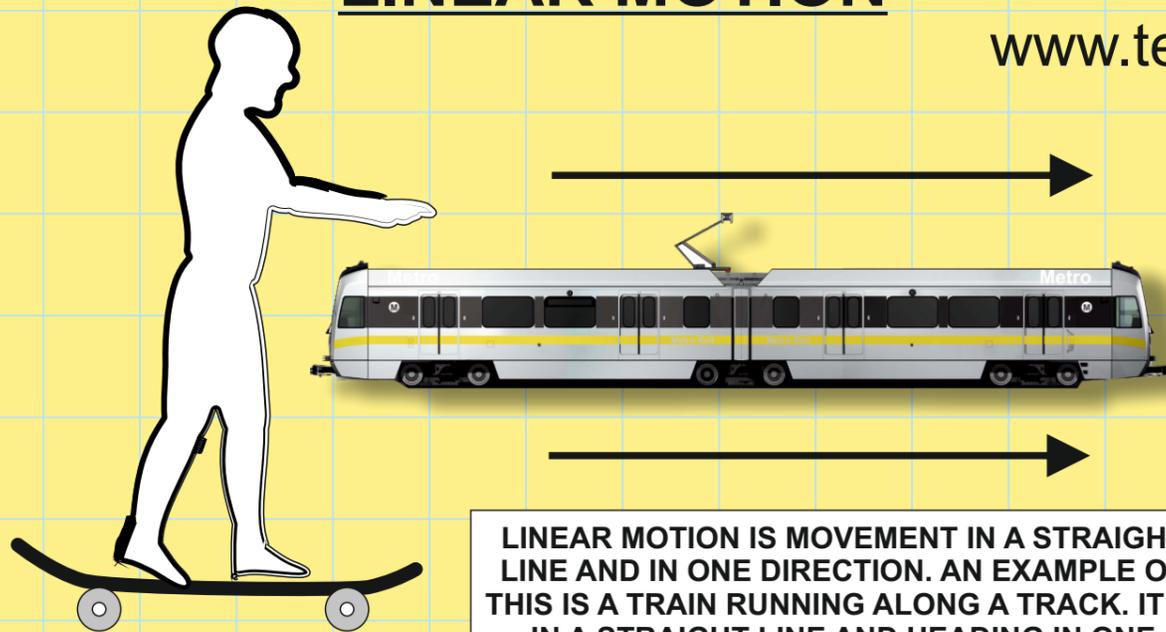


TYPES OF MOTION / MOVEMENT

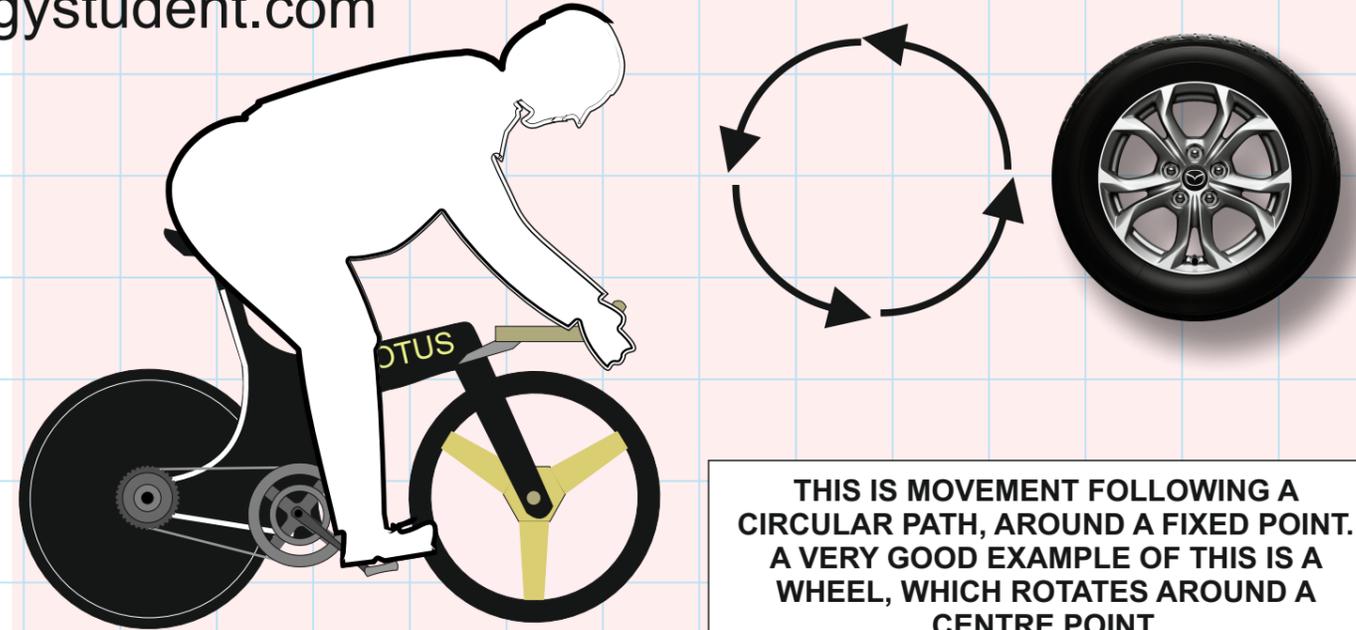
LINEAR MOTION

www.technologystudent.com



LINEAR MOTION IS MOVEMENT IN A STRAIGHT LINE AND IN ONE DIRECTION. AN EXAMPLE OF THIS IS A TRAIN RUNNING ALONG A TRACK. IT IS IN A STRAIGHT LINE AND HEADING IN ONE DIRECTION.

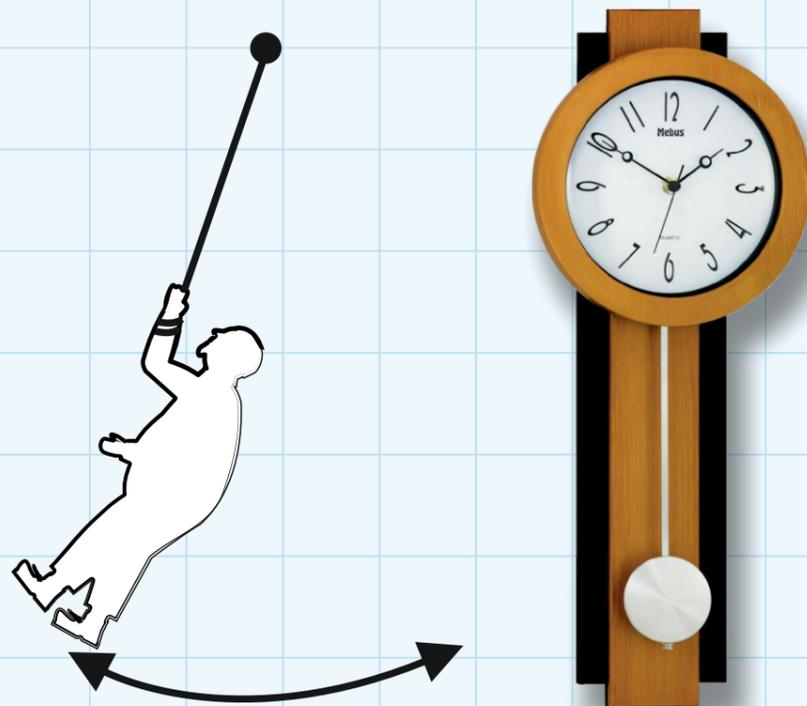
ROTARY MOTION



THIS IS MOVEMENT FOLLOWING A CIRCULAR PATH, AROUND A FIXED POINT. A VERY GOOD EXAMPLE OF THIS IS A WHEEL, WHICH ROTATES AROUND A CENTRE POINT.

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OSCILLATING MOTION



OSCILLATING MOTION OCCURS WHEN AN OBJECT SWINGS LEFT AND THEN RIGHT (OR VISE-VERSA), FROM A FIXED POINT. A VERY GOOD EXAMPLE OF THIS IS A CLASSIC PENDULUM CLOCK

For more information and exercises on types of motion, go to <http://www.technologystudent.com/forcmom/motion1.html>

For more information in forces, go to <http://www.technologystudent.com/forcmom/forcedex.htm>

MOVEMENT

STATIC

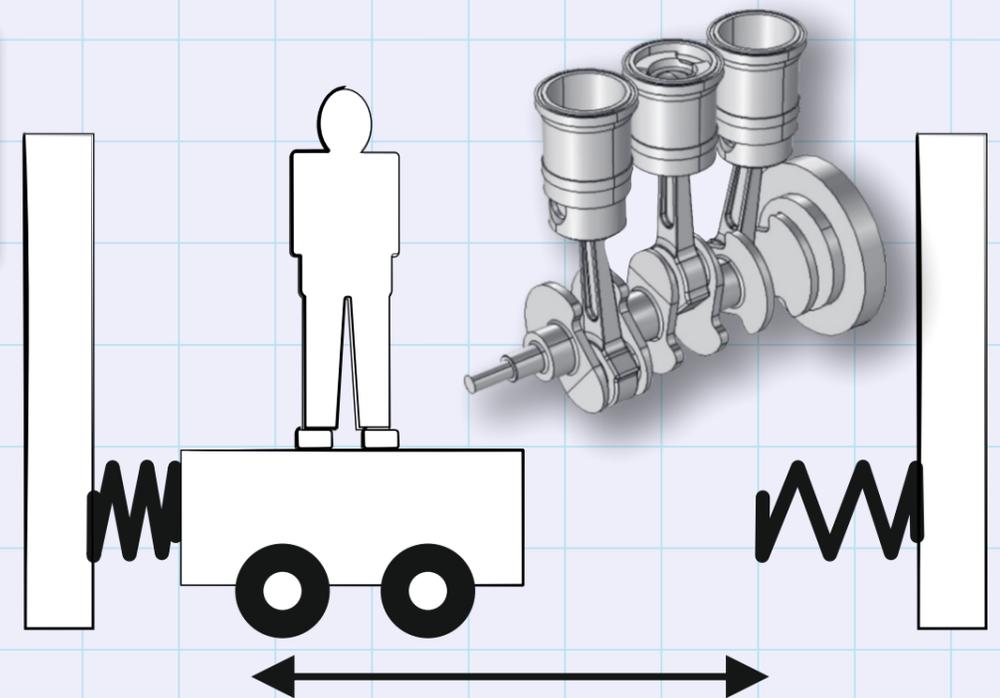
DYNAMIC

ACTION

KINETIC

EQUILIBRIUM

RECIPROCATING MOTION



RECIPROCATING MOTION IS A REPETITIVE MOVEMENT LEFT TO RIGHT OR UP AND DOWN. A GOOD EXAMPLE OF THIS TYPE OR MOTION IS A PISTON, SUCH AS FOUND IN AN ENGINE.

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