

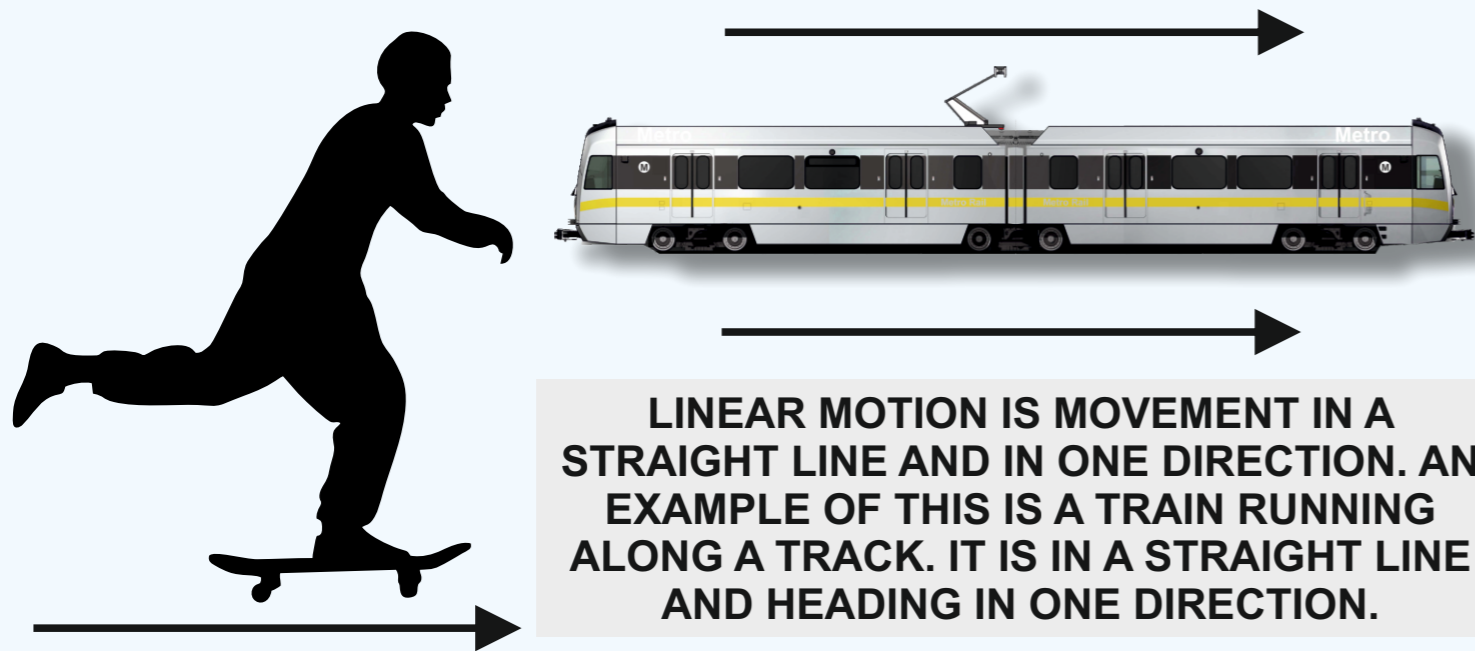
TYPES OF MOTION / MOVEMENT

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

<https://www.facebook.com/groups/254963448192823/>

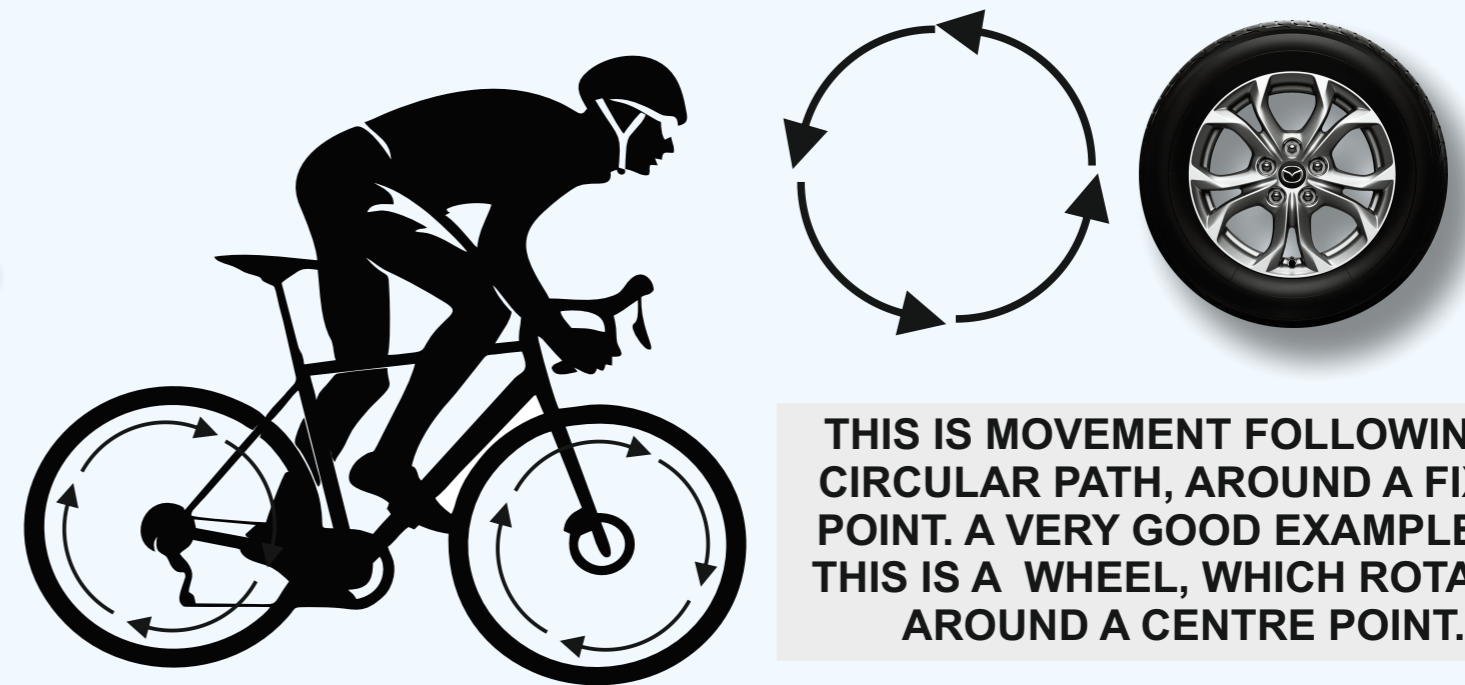
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LINEAR MOTION



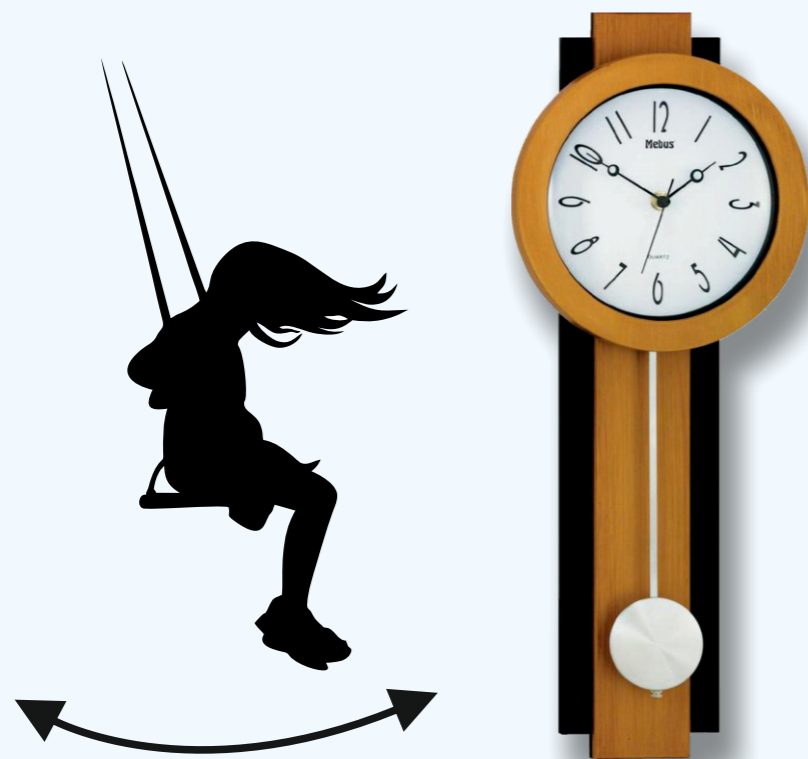
LINEAR MOTION IS MOVEMENT IN A STRAIGHT LINE AND IN ONE DIRECTION. AN EXAMPLE OF THIS IS A TRAIN RUNNING ALONG A TRACK. IT IS IN A STRAIGHT LINE AND HEADING IN ONE DIRECTION.

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.

OSCILLATING MOTION



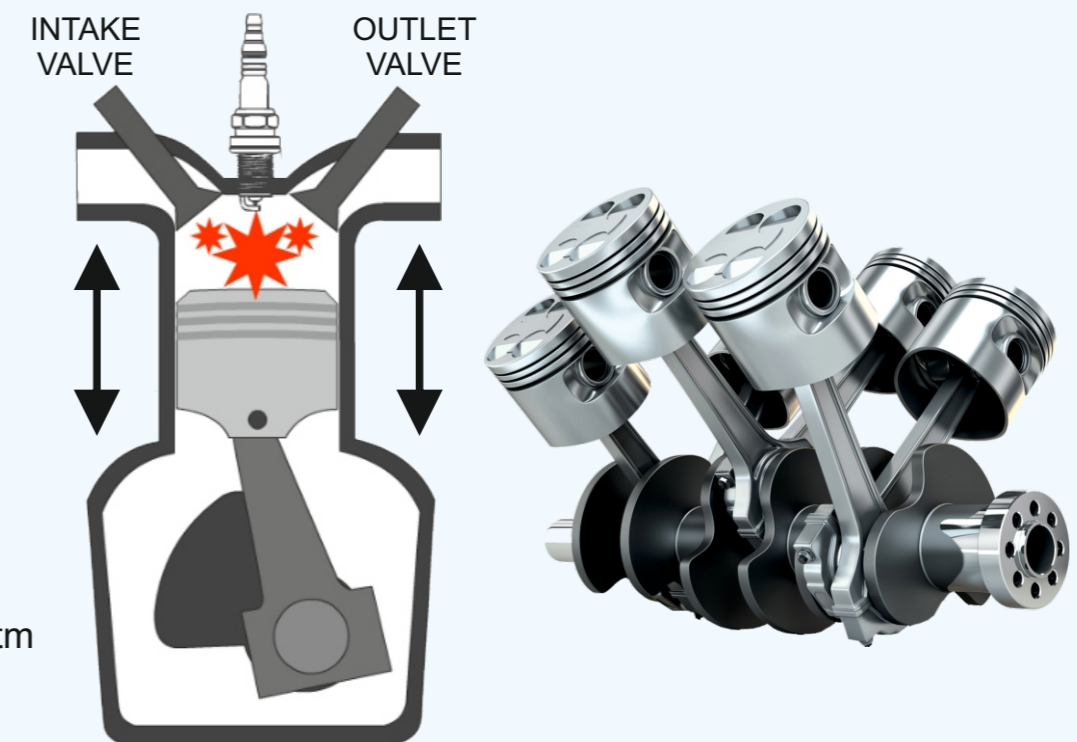
OSCILLATING MOTION OCCURS WHEN AN OBJECT SWINGS LEFT AND THEN RIGHT (OR VISE-VERSA), FROM A FIXED POINT. A VERY GOOD EXAMPLE OF THIS IS A CLASSIC PENDULUM CLOCK

USEFUL LINKS



<https://technologystudent.com/forcmom/forcedex.htm>

RECIPROCATING MOTION



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