

Project glossary

arc

The shape of part of a circle or other curved line.

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bar

A part of a lever mechanism that moves around a fixed point.

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component

One of the parts of a machine.

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design criteria

The goals that a project must achieve to be successful.

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fixed pivot

A part of a linkage mechanism that connects two bars and is attached to a fixed base to keep the joint still.

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guide

A part of a slider mechanism that holds the slider in place and makes the movement smoother.

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lever

A mechanism consisting of a bar that moves around a fixed pivot.

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linkage

A mechanism consisting of two or more bars joined together by pivots.

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machine

A device that makes work easier.

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mechanism

A system of components that work together in a machine.

moving pivot

A part of a linkage mechanism that connects two bars but is not fixed to the base so the joint can move freely.

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pivot

A fixed point about which something turns or balances.

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slider

A mechanism consisting of a slider and slider guide that moves in a straight line.

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slit

A long, straight, narrow cut in something.

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split pin

A metal pin with one end split so that it can open to join two things together and allow rotation around the join.