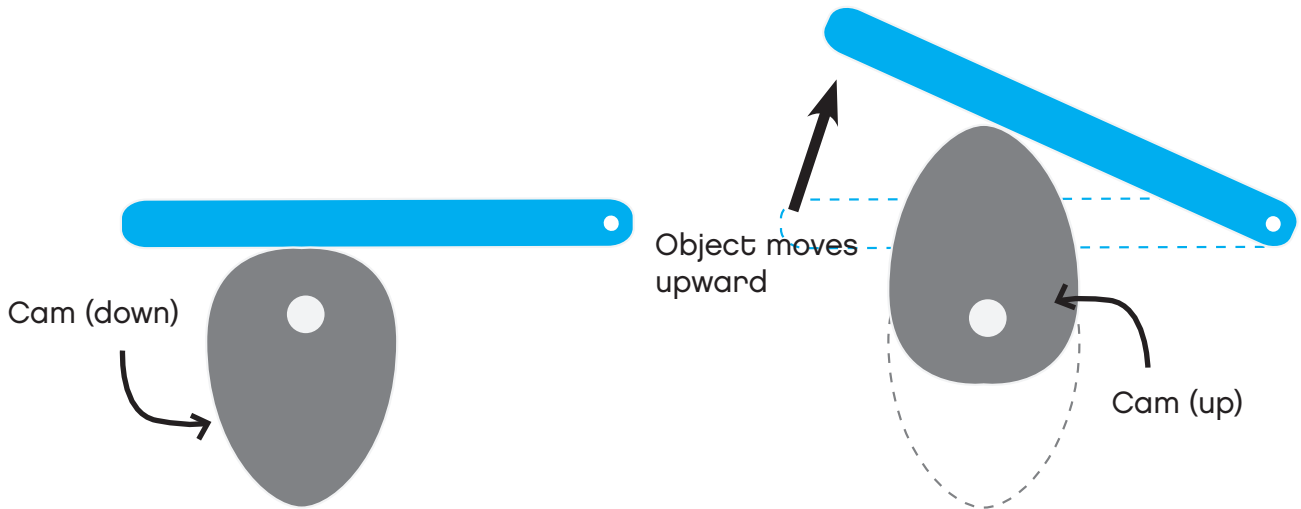


Cams

What is a Cam?



A cam is a rotating /sliding piece most often shaped like an egg that is used in transforming rotational motion of a motor to a linear (up-down) motion or vice-versa.

The object that needs to move in a linear fashion is placed on top of the cam and the cam is connected to the motor. Every rotation of the motor causes the cam to move in a circular path itself thereby pushing the object resting on it upward and causing it fall back down thus creating a continuous "up-down" motion of that object.

A good example to demonstrate to kids would be a motorized car pump to fill air in the tires of cars.

CAMS are also used in cars, and lots of toys to produce the up-down or circular motion.

