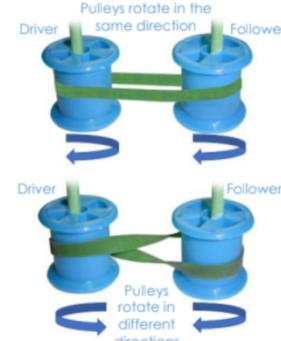
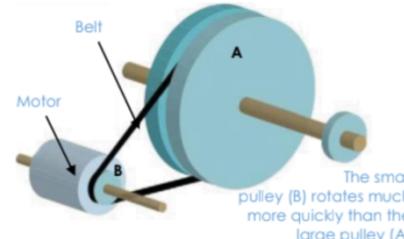


Key vocabulary	
drive belt	the belt which connects and transfers movement between two pulleys
pulley	a grooved wheel over which a drive belt can run
gear	a wheel with teeth around its circumference
motor spindle	the rod on the end of the motor onto which a gear or pulley is attached
shaft	a long, narrow cylindrical part of a mechanism
rotation	circular motion

Key knowledge	
<p>Gears can be used to transfer motion from one shaft to another</p> 	 
<p>Cotton reels make good pulleys. The driver (the pulley controlled by the motor) can turn the follower in different directions by using an elastic band as a drive belt.</p>	
<p>Different sized pulleys, connected together, can reduce the speed of rotation from a motor.</p>	

We are building on our knowledge from planets model in year 5

This links to our control technology work in Computing

