

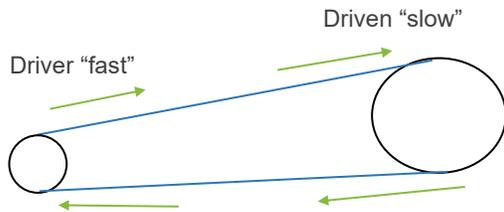
PULLEYS AND BELTS

Key Revision Facts: GCSE Technology

A pulley is a wheel with larger discs or flanges on the outside. The flanges stop the belt from slipping on the wheel. The belt is used to transmit power to another pulley or shaft.

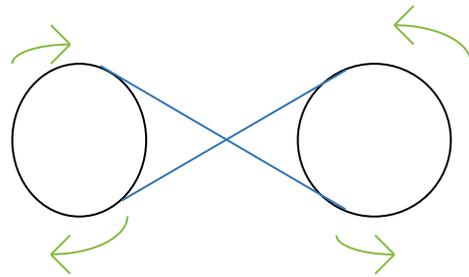
Change speed of rotation

Pulleys change the speed of rotation of the shaft.



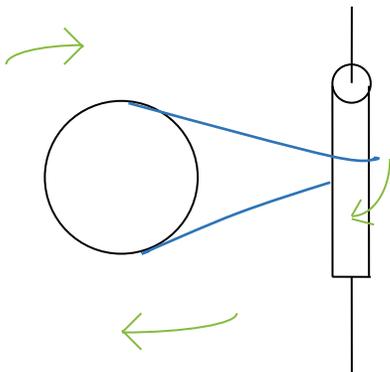
Change the direction of a rotation

Crossing the belt will cause a change in the rotation direction.



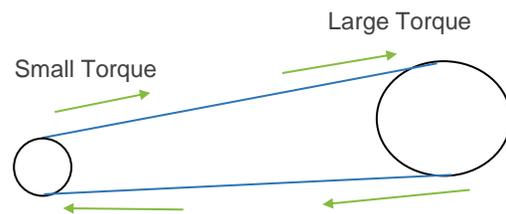
Change the axis of rotation

Twisting the belt will change the axis of the rotation.



Change the torque on a shaft

Torque is the force that turns against a resistance.



DOWNLOAD

More Key Fact Revision sheets can be downloaded from

www.andrew-seaford.co.uk/revision

VERSION INFORMATION

Date	Arthur	Comment
13-Mar-2021	Andrew Seaford	Initial release.