



DT – Mechanisms: Year Five-Six – Cycle B

Key Vocabulary

Mechanism	A piece of machinery that has moving parts that perform a function.
Pulley	A grooved wheel over which a drive belt can run.
Driver	The gear or pulley that provides the input movement to the system.
Circuit	An electrical device that provides a path for electrical current to flow.
Rotate	Turn on or around an axis or a centre.

Sticky Knowledge

A circuit has to be complete to work.

A small pulley rotates more quickly than a large pulley.

Pulleys move in different directions to reverse the vehicle.

Resources

Dowling

Glue Gun, Saw, bench hook

Pulley

Electrical circuit equipment



Key Skills

To investigate everyday systems that use a pulley system.

To design a moving vehicle that uses a pulley system.

To use equipment safely.

To create a circuit that provides power to a driver.

To evaluate a design against the original design.

To annotate a design.

