

Year 2 - DT - Mechanisms—Wheels and axles

SDG
LINK



The Rivers
C of E Academy Trust

Glossary:

- Axle – a rod on which one or more wheels can rotate, either freely or be fixed to and turn with the axle.
- Axle holder – the component through which an axle fits and rotates.
- Chassis – the frame or base on which a vehicle is built.
- Dowel – wooden rods used for making axles to hold wheels.

Recognising resources



MDF wheels



cotton reel wheels



card wheels



plastic wheels



card axle holders



dowel



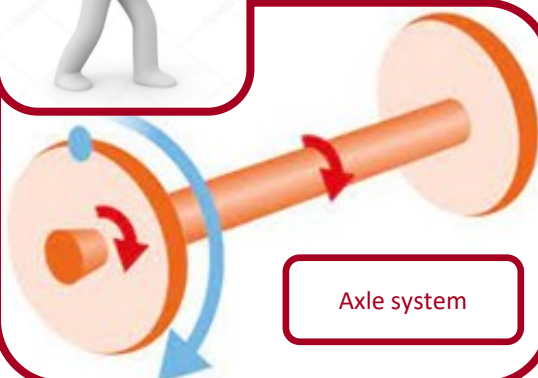
wooden pegs



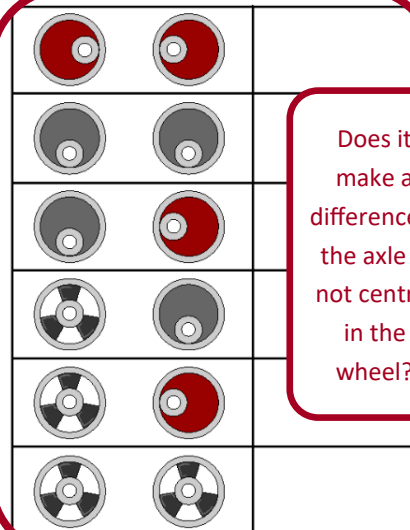
paper straws



Can we create an efficient way to move water over distance?



Axle system



Does it make a difference if the axle is not central in the wheel?

Sticky Knowledge:

- To know what an axle is and its function.
- To know that wheels and axles can be assembled in different ways.
- To know what a chassis is and its function.

