

Design and Technology: Wheels and Axles

Sticky Knowledge

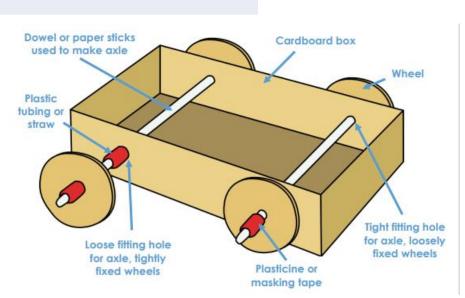
Key Knowledge

Toys are more fun to use when the user engages with it.

Toy vehicles move using axles and wheels.

A wheel is a circular object which rotates on an axle.

An axle is a rod which passes through wheels.





Design Criteria

Your moving toy train/car should

- Have working wheels which rotate.
- Have wheels fitted with an axle.
- Have an appealing design which looks like a real train/car.



Key Vocabulary	
wheel	A wheel is a circular object which rotates on an axle.
axle	An axle is a rod which passes through wheels.
vehicle	A vehicle is a machine such as a car, bus or truck which has an engine and is used to carry people from place to place.
body	The body of a car is the main part of it, not including its engine or wheels.
chassis	A chassis is the supporting frame of a structure.