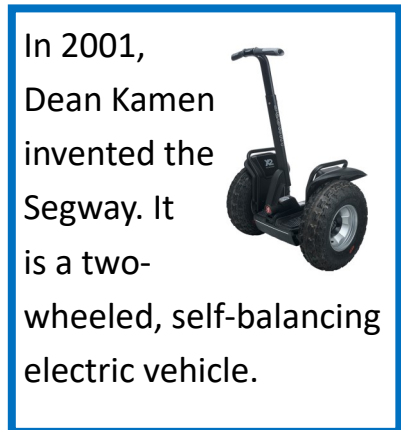
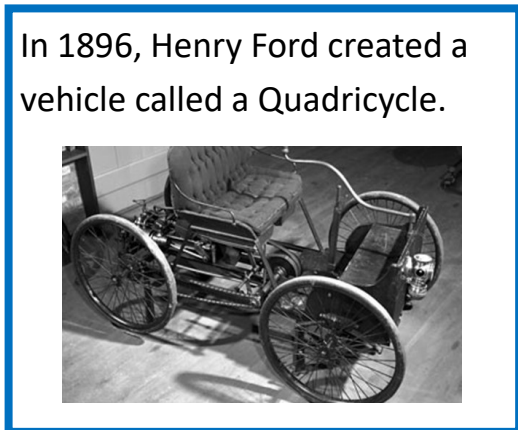


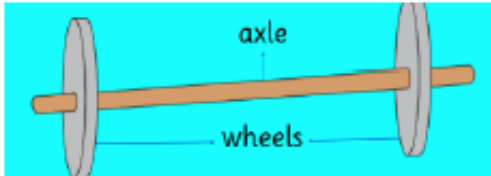


Key Vocabulary	
vehicle	something used to carry people or objects from one place to another
wheel	a circular object that spins below the vehicle to help it move
axle	a rod on which one or more wheels can rotate, either freely or be fixed to and turn with the axle
chassis	the base frame for a vehicle
dowel	a wooden rod
friction	resistance when two things rub together

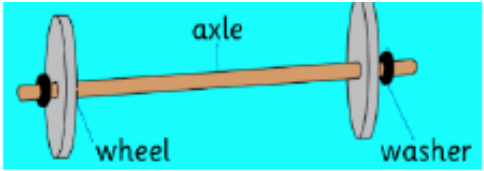


# Mechanisms - Wheels and Axles

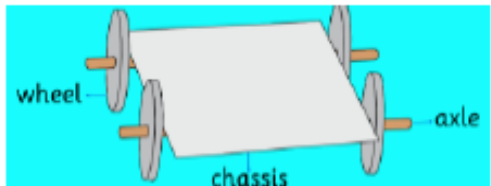
## How do you fix wheels and axles?



★ Attach the axles firmly to the wheels. As the axle rotates, the wheels turn with it.



★ Place the wheels loosely on the axle. You need to use something to stop the wheels falling off.



★ Attach the axles to the underneath of the chassis. The axles will not turn. Attach the wheels to the axles firmly so that they can rotate around it.



★ Put the axles through the holes in the chassis. The axles need to turn. Attach the wheels firmly to the axles so they can turn with them.