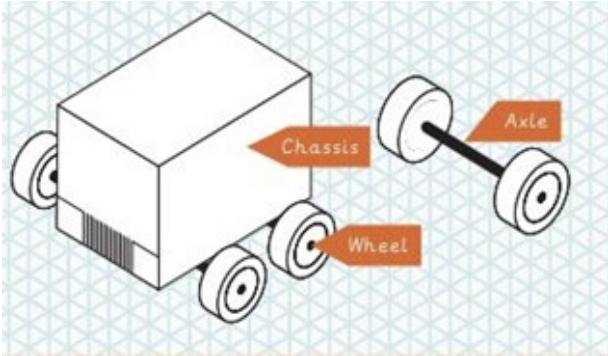




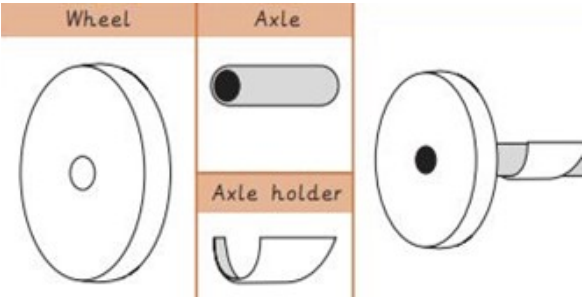
Wheels and axels (Mechanisms)

We are learning to build a moving vehicle following a design.

For a wheel to turn on a vehicle it needs an axel (a rod /pin) on which a wheel or 2 wheels are attached.
The mechanism of a wheel and axel makes the vehicle move.



What have we already learnt?
The children have had experience of playing with cars and other vehicles with moving wheels. They have played with other toys with axels such as windmills and water wheels.



It is important to choose a material to use based on its properties.

The axle needs to fit inside the axle holder but must not be attached to the axle holder other the wheels will not turn properly.



Vocabulary	Definition
Mechanism	Parts of an object that move together to make
wheels	A round object that turns round to make
axel	A long straight rod which joins to a rotating
Axel holder	The part of a mechanism which hold the axel
chassis	The body of a vehicle
Product	Something you have built or made
Evaluate	To think about your moving picture and what worked well and how you could make it better.