



Key knowledge

Create a vehicle capable of moving over different terrain which incorporates more than one mechanical system

Know enough about a way a pulley system works

Create initial design taking account of how a pulley system works

Take time to ensure that the pulley system is working well and stands up to continuous use

Make a motorised vehicle, that incorporates a pulley system, and show it working

Evaluate the vehicle against original ideas and seek views of others about its success

Vocabulary

Pulley

A pulley is a wheel on a fixed axle with a groove in it to guide a rope or cable.

Axle

An axle is a bar that goes through the wheels, keeping them in place and allowing them to turn.

Dowel

A dowel is a cylindrical shape made of wood, plastic, or metal.

Design

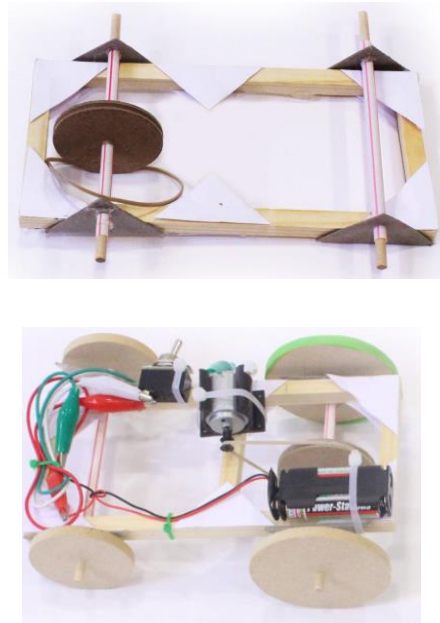
To decide upon the look and functioning of (a building, garment, or other object), by making a detailed drawing of it.

Make

To form something by putting parts together.

Evaluate

Judging the quality, value or relevance of something



Prior Knowledge -

