Upper Keystage 2 Design Technology – How will your vehicle move?

Key Vocabulary-
Wheels, axels, mechanism, forwards, backwards, join, tabs, L braces, structures, models, temporary fixing methods, construction, recycled, construct, stronger, stiffer, stable, reinforce, construction, 3D, three-dimensional, cube, cuboid, cylinder, joining, folding, cuts and slots, flanges, glue, tape, split pins, blue tac, card, cardboard, A-Frame.

Trip suggestion

Garage/mechanic visit

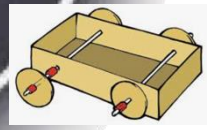
Entry Point-
What is a mechanism?

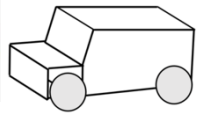
Lesson 1-
Can I explore and evaluate wheels and axels on different vehicles and explore making my own wheel and axel?

Lesson 2-
Can I join using tabs and L braces?

Lesson 3-
Can I join using temporary fixings?

Lesson 4-
Can I design my own moving vehicle using computer aided design (Purple Mash)?





Exit Point (Lesson 5)
Can I make and evaluate my own moving vehicle?