

Year 2 DT Mechanical Mechanisms - Vehicles



Design a purposeful product based on a design criteria

Generate develop their ideas through drawing and templates

Star Vocabulary

Wheel

Axles

Chassis

Joining

Template

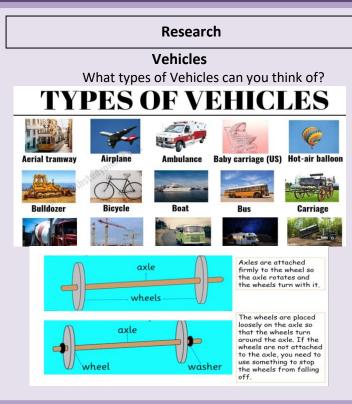
Vehicles

Decoration

Mechanism

Body

Framework



Key Skills - Designing
Purpose -What it is for? User - Who will use it?

Materials

Explore different materials which can be used to make wheels, axles and chassis. To be able to investigate ways of creating and decorating the body of a vehicle.

Design

Design your vehicle taking into consideration the materials you will need. Create a plan and label your materials.



Making

Read your plan carefully

Make sure you are prepared

Collect and prepare your resources

Think about how you will cut your materials to form the correct shape/

Think about finishing techniques- glitter, adding features

Making and Evaluating

Evaluating

Which materials did you choose and why?
Would your user like it?
How did you attach your materials
Did your mechanisms spin correctly/ work?
How could you improve your final product?

To investigate a variety of vehicles and their uses and features.

To investigate wheels, axles and chassis.

To be able to investigate ways of creating and decorating the body of a vehicle.

Timeline

To be able to make a vehicle based on a design.

To be able to evaluate a finished product.