



Topic Name– Spring 1 Year 3 DT (Trojan Horse)

Key vocabulary	Explanation/ definition
Vehicle	A thing used for transporting people or goods, especially on land, such as a car, lorry or cart.
Axle	A rod (either fixed or rotating) passing through the centre of a wheel or group of wheels.
Chassis	The base frame of a car, carriage or other wheeled vehicle.
Joint	A part at which parts of a structure are joined.
Mechanism	A system of parts working together in a machine.
Assemble	To fit together separate parts of a machine.
Dimensions	Length, breadth, depth or height of a design.
Design	A plan or drawing produced to show the look and function of an object before it is made.
Evaluate	To form an idea of the success of a finished product.

Focus Skills

- Use construction kits with wheels and axles to make a product that moves.
- Demonstrate how wheels and axles can assemble as either fixed axles or free axles.
- Show different ways of making axle holders and ensure axles run freely within holders.
- Can mark out, hold, cut and join materials and components correctly.
- Use samples of materials and components when designing and making and can assemble some examples of wheel, axle, axle holder combinations.

