



Year 4 D.T

Sequenced Objectives

Mechanical Systems: Making a mechanical car.

	Objective/s
Pre - learn	• Complete Pre - learn task. • Look at new knowledge organiser.
Lesson 1	Significant people • To study and research, the work of Henry Ford.
Lesson 2	Prototype one: Inclined plane. • To build a simple prototype car chassis.
Lesson 3	Prototype two: Slingshot car • To build a prototype of a suitable slingshot car chassis.
Lesson 4	Prototype three: Wind up car. • To build a prototype of a durable slingshot car chassis.
Lesson 5	Mechanical toy car kit designing. • To design a mechanised toy car.
Lesson 6	Mechanical toy car kit: Making and evaluating. • To make a mechanical toy car from a kit.
Post - learn	• Complete Post-learn task.