

YEAR 5 DESIGN TECHNOLOGY

PROGRAMMABLE BUGGIES

STICKY KNOWLEDGE

Henry Ford created the first automobile (car) for middle class Americans. He wanted everyone to be able to afford a car and made his cars affordable for many.

Crumble Kits are used to make programmable buggies. These can be controlled via a laptop and can move and change light colours in a sequence.

KEY VOCABULARY

Purpose: the reason for creating the product

Audience: who the product is for

Impact: the influence the product will have on someone

Annotated sketches: sketches with labels/ notes giving key information

Cross-sectional diagrams: a diagram that shows the product as if it is 'cut-through'

Exploded diagrams: a diagram that shows how the separate parts fit together

Prototypes: an early sample or model of a product

Design proposal: sets out your ideas/ plan for a design project



FAMOUS WORK

The original Ford model, first produced in 1903.

FAMOUS PERSON

HENRY FORD (1863– 1947)
Henry Ford was the founder of the Ford Motor Company. He was a pioneer in manufacturing cars on a large scale at an affordable price.

