

Sticky Learning for Design Technology

Class 3

Fast Future (2 week)

Experiment

Innovate

Create

Evaluate

I can research Tesla cars to develop a design brief for an electric car

I can design a car for Tesla using cross sectional diagrams

I can use an electrical system in my product and make a circuit

I can incorporate a switch and motor into my car

I can use mechanical and electrical components in my car

I can take feedback from others to improve my work

I can explain how Tesla and Elon Musk have impacted and changed the world with their technology

I can monitor and control my product

I can select and use materials based on their functionality and appearance

Key Vocabulary to learn:

- Tesla
- design
- product
- Motor
- circuit
- mechanical
- switch
- component

Design Criteria: Children create with adult support

Purpose: To create an electric car design for the future

User: Tesla

Enquiry Questions

Could you transport an egg in your car without it breaking?

How will you make your car appealing to customers?

