

Product: Electrical Toy

Purpose: Fun and engagement

User: A Child

Problem the product will be fixing:

Children need to practice their fine motor skills in a fun and engaging way through play and they need to know when they have been successful.

Vocabulary you will know...

Research	Find out
Function	What it does
Existing	Something that is already available
Purpose	Why it has been designed
User	Who is it for
Design	A plan or drawing produced to show the look and function of an object before it is made.
Make	To form something by putting parts together
Evaluate	Discuss and decide what would make it even better



Person, place or object of inspiration ...



By the end of this unit, I will be able to...

- To design and create a new product (innovate)
- To make a prototype (first attempt)
- Able use tools safely to create cutting, joining, shaping and finishing
- To be able to evaluate and improve ideas, including team discussion
- To understand current technology in the world and research ideas
- To understand the use of an electrical system in the game/toy and its function

To Select from a wide range of material and components

Vocabulary you will hear ...

Circuit, battery, series, connection, insulation, conductor, crocodile clip, control, program, system, input, output

