

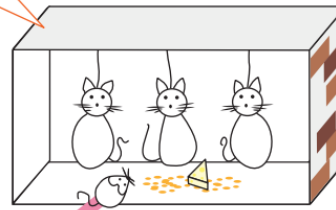
D.T – Electrical Systems

LKS2– Year B Spring

Subject specific vocabulary

Design criteria	A set of rules to help designers focus ideas
Attract	Where there is an invisible force that pulls one object to another
component	One of two or more parts that something is made of
electrostatic	Energy caused by the positive and negative electric charges of objects when rubbed together
repel	Where there is an invisible force that pushes one object away from another
motion	The movement an object makes when controlled

Does this design meet all the criteria below?



Sticky knowledge

Static energy is created when positive and negative electric charges of objects when rubbed together

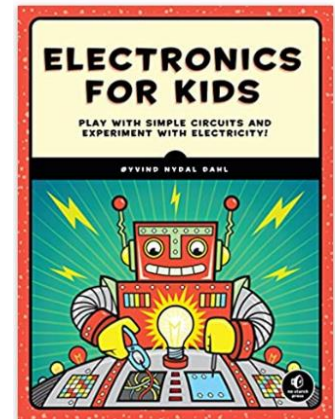
Opposite charges will always attract and similar charges will repel

Design criteria are important when designing a product

Aspirations

Designer
Electrician

Linked Book



Skills

I can design and make something with moveable components

I can choose the most suitable materials.

I can design and make a game

I know how to test my design

I can suggest ways to improve my design

I can measure accurately

Web Links

[BBC Two - Science Clips, Circuits and Conductors, Using circuits to make games and activities](#)