



All Saints' Church of England Primary School—DT Knowledge Organiser

Year 4

Rise of the robots

Design and Technology

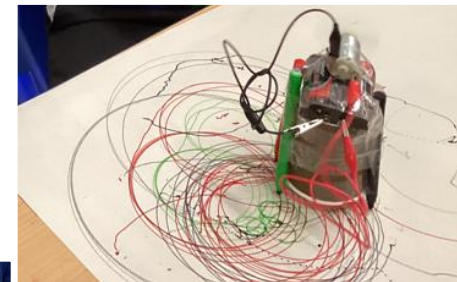
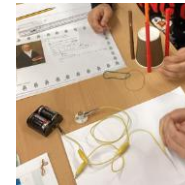
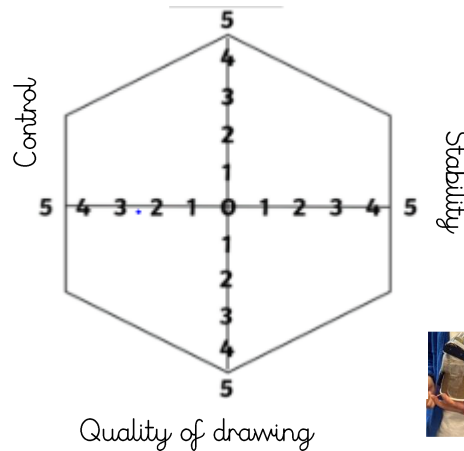
Vocabulary

Design	To plan, draw and create a product for the users.
Redesign	To include changes that will improve the model / make it work
Modify	To include minor change/s that will improve the model further
wires	Path for the electricity to flow
switch	Equipment used to complete or break the circuit
balance	The model is stable enough to stand
Battery pack	Power source in the circuit
Circuit	A complete path for electricity to flow
Concentric circles	Draw circles with in circles
Control	Use a switch to turn the robot on/off

Design Brief:

We will use our knowledge of building a circuit to design and create a scribbler robot that can draw concentric circles. You will need to use the equipment provided to create a stable base which can hold the weight of all the components of a complete circuit.

Balance



Star Evaluation

