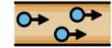
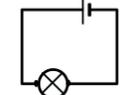
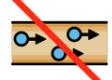
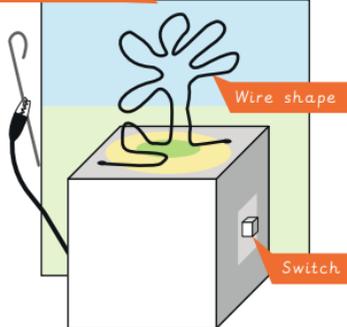


Lesson 1 Can you research and analyse a range of children's toys?	Lesson 2 Can you design a steady hand game?	Lesson 3 Can you construct a stable base?	Lesson 4 Can you assemble electronics and complete your electronic game?
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**Vocabulary**

 backboard	A background for the steady hand game	 conductor	Allows electricity to pass through it	 magnetic field	The area where there is magnetic force	 test	Finding out if something works
 battery	A cell which contains electrical energy	 copper	A metal material which conducts electricity	 net	A 2D shape which folds to create a 3D shape	 top view drawing	A detailed drawing from above
 bulb	A component in a circuit which lights up	 function	The job something does	 pliers	A metal tool for holding, twisting or cutting wire	 series circuit	A closed circuit which follows one path
 buzzer	A component in a circuit which makes noise	 insulator	A material which does not allow electricity to pass through it	<b>1<sup>st</sup></b> prototype	A first model of the product	<div style="background-color: #ff9933; padding: 2px; font-size: 0.8em;">The more complex your wire shape, the harder your steady hand game will be, especially if the bends are close together.</div> <div style="margin-top: 5px;">  </div>	
 circuit	An electrical system	 LED	A light emitting diode which lights up	 side view drawing	A detailed drawing from the side		