

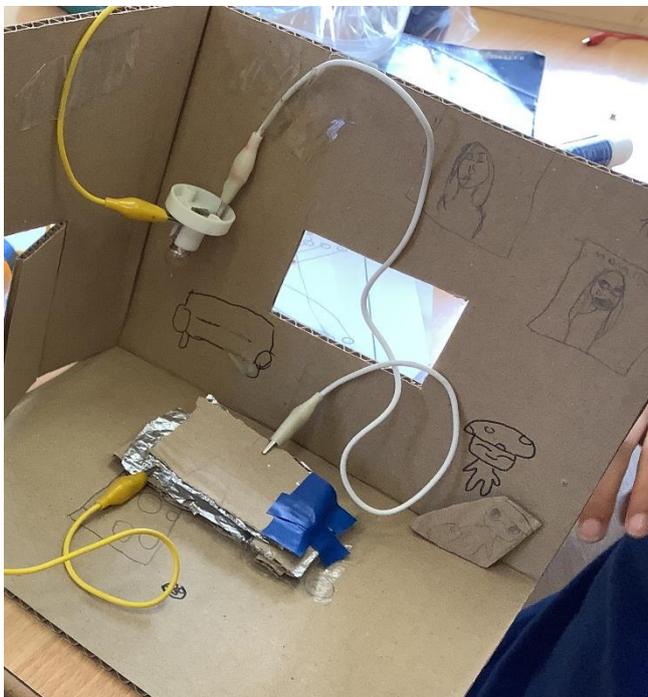
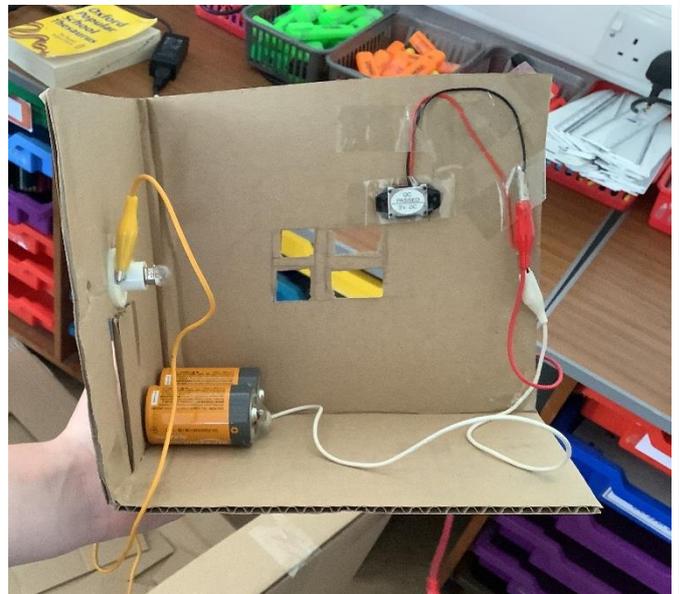
<b>Topic:</b> Electricity	Primary 4-5 Age 7-9	<b>Title of example:</b> Burglar alarms
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<b>Scientific skills focus</b> <b>Carries out:</b> Identifies risks and hazards and ensures safe use of all tools, equipment and procedures. Collaborates to undertake investigations.	<b>Curriculum link</b> I can describe an electrical circuit as a continuous loop of conducting materials. I can combine simple components in a series circuit to make a game or model. SCN 1-09a
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**Example**

The children were challenged to use their knowledge of electrical circuits and switches to make a model burglar alarm.



Children meeting the objective would be able to make a circuit safely. The circuit could include a bulb or a buzzer as the alarm. Some would use a pre-made switch, others might make their own pressure switch with foil, ensuring that they did not create a short circuit.