


<p>Plan, design and create a catapult using materials from your recycling bin. Record how far you can catapult a small item from home.</p>	<p>Explore the website Code.org For some online coding programs.</p>	<p>Scratch / Scratch Jnr</p>	<p>Conduct an experiment and test a theory.</p>	<p>Take a recipe and change different aspects of it, observing what happens.</p>
<p>Drop challenge! Make a parachute that will help an item not break when it is dropped from 1m (such as an egg)</p>	<p>Use Lego to design and build a bridge.</p>		<p>Use Lego to design and build an invention that would be useful around your house.</p>	<p>Research an animal and make a diorama/poster about its habitat.</p>
<p>Build a paper bridge and determine how much weight it can hold.</p>	<p>Make the longest possible paper chain with 1 piece of paper.</p>	<p>Build a pinball machine using elastic bands and cardboard.</p>	<p>Build a house of cards. How tall can you build it before it collapses?</p>	<p>Investigate balance. What objects and items around the home can only balance in a certain way? Why?</p>