

# Science Activities

*Even if you are stuck at home, Science is all around you.*

*Here are some ideas for Science learning that you can do while at home:*

Science Ideas	Outdoor learning	Engineering ideas	Fun STEM Ideas
<p>Research a famous scientist. What did they discover? Make a fact file about them.</p>	<p>Explore the night sky! Download a star app like Star Walk. Can you find a planet or constellation?</p>	<p>Make the tallest free standing tower you can out of recycled materials.</p>	<p>Design and make a paper aeroplane that will travel the furthest. Does changing your design make it go further?</p>
<p>Imagine what your life would be like without plastic. Write a story or comic strip for 'A life without plastic.'</p>	<p>Create a rainbow collage by collecting coloured materials from your garden or home.</p>	<p>Construct a zip wire for a mini figure.</p>	<p>Create your own ant farm using old CD cases!  Find a diagram at <a href="https://askabiologist.asu.edu/how/building-ant-farm">https://askabiologist.asu.edu/how/building-ant-farm</a></p>
<p>Go outside and use chalk to draw around someone's body. Can you draw what is inside your body? What does each part do?</p>	<p>Find a quiet place in nature. Begin a journal and record everything you see.</p>	<p>Design and make a desktop organiser.</p>	<p>Can you cook using the heat of the sun?  Learn how to build a solar oven.  <a href="https://www.education.com/science-fair/article/design-">https://www.education.com/science-fair/article/design-</a></p>
<p>Make a list using words/ drawings to find all the things in your home that use electricity. If you could keep only one item which would it be? Why?</p>	<p>Go outside and take a picture of as many different birds, insects and mammals as possible.  How many types can you find?</p>	<p>Using card board, blankets etc., make a structure that you can fit inside and are then hidden from the outside world.</p>	<p>What can you build with sticks?  Collect some sticks and have fun!</p>
<p>Sit quietly for 60 seconds, make a list of everything you can hear.  Try this in different places, indoors, outdoor or even in your room.</p>	<p>Follow an experiment about handwashing and the power of soap.  <a href="https://www.twinkl.co.uk/resource/hand-washing-soap-experiment-ks2-t-tp-2549330">https://www.twinkl.co.uk/resource/hand-washing-soap-experiment-ks2-t-tp-2549330</a></p>	<p>Design and build an insect hotel.</p>	<p>Listen to a story read by an astronaut in space.  <a href="https://storytimefromspace.com/">https://storytimefromspace.com/</a></p>