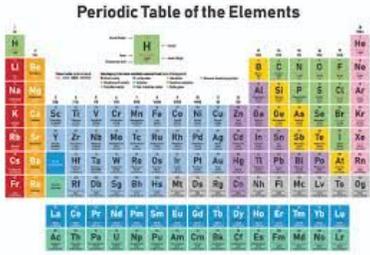
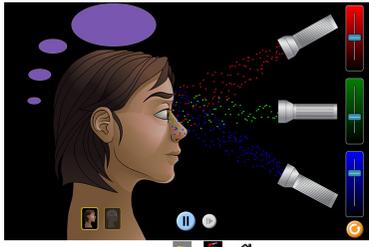




| Material World  | Physical World   | The Living World  | Planet Earth and Beyond   | The Nature of Science  |
|---|--|---|---|--|
| <p><a href="#">The Periodic Table song</a></p>  <p>Discover which chemical elements are in everyday items.</p> | <p><a href="#">Science simulations</a></p>  <p>Use interactive simulations to explore light, sound, heat, motion and electricity.</p> | <p><a href="#">LEARNZ</a></p> <p>At home activity</p>  <p>Backyard Bioblitz</p> <p>Discover biodiversity in your own backyard and upload images to iNaturalistNZ.</p> <p>This virtual field trip website has created a number of excellent at home activities</p> | <p><a href="#">True Size</a></p>  <p>Compare the true sizes of countries - you might be surprised!</p> | <p><b>Repeatability</b></p> <ul style="list-style-type: none"> <li>• Scientists repeat their experiments lots of times to see if they get the same result each time. If they do, then their results are more believable</li> <li>• Try filling a small container with teaspoons of water - how many did it take to fill the container?</li> <li>• Try repeating the experiment several times - do you get the same results each time?</li> </ul> |

**All areas of Science**

[Exploratorium Science snacks](#) - Inspirational science activities from the Exploratorium Museum in San Francisco.



**Looking a Little Spotty**

Test how well your brain can see patterns.



**Cup Speaker**

Make a speaker that turns changing electric current into sound.



**Bottle Blast Off**

Ready for liftoff? Launch rockets with your own launcher!



| Material World  | Physical World and The Living World  | Planet Earth and Beyond  | The Nature of Science  |
|---|--|--|--|
| <p><a href="#">Steve Spangler Science</a></p>  <p><b>The Floating Egg</b></p> <p>Simple science experiments that you can carry out at home.</p> | <p><a href="#">Fun Science Demos</a></p>  <p>Learn about your body, plate tectonics, sound, catapults and lots more with Jared on Fun Science Demos</p> | <p><a href="#">Stellarium Online Star Map</a></p>  <p>Check out the planets and constellations that you can see from your home!</p> | <p><b>The Observation Game</b></p> <ul style="list-style-type: none"> <li>•With some other members of your family, choose an item. For example, a leaf.</li> <li>•Set a timer for 2 minutes and during this time each player writes as many observations of the item as possible. For example, the leaf is darker on one side than the other or the tips of the leaf are spiky</li> <li>•At the end of the 2 minutes, each person shares their observations - if two people have the same observation then it is crossed out</li> <li>•Points are given for the unique observations that are left</li> </ul> |

## All areas of Science

[Crash Course kids](#) - a huge number of excellent videos about the earth, ecosystems, space, engineering and more

Physical Science: Introduction to Gravity [▶ PLAY ALL](#)



Defining Gravity: Crash Course Kids #4.1



Down to Earth: Crash Course Kids #4.2



The Great Escape: Crash Course Kids #13.1



Over (to) The Moon: Crash Course Kids #13.2

