Interactive Science Websites

Brain POP

\*Note to Parents: Brain POP is a good resource for short 5-10 minute videos over 3rd Grade Science curriculum that will be taught throughout the year. Each video includes an interactive quiz, printable worksheets, games, and other activities.\*

[www.brainpop.com](http://www.brainpop.com)

[www.brainpopjr.com](http://www.brainpopjr.com)

Username: missionwest

Password: brainpop

* **Scientific Method:** <https://jr.brainpop.com/science/scienceskills/scientificmethod/>
* **Magnets:**  <https://jr.brainpop.com/science/forces/magnets/>
* **Making Observations:** <https://jr.brainpop.com/science/scienceskills/makingobservations/>
* **Tally Charts & Bar Graphs:** <https://jr.brainpop.com/science/scienceskills/tallychartsandbargraphs/>
* **Science Skills:** <https://jr.brainpop.com/science/scienceskills/>
* **Temperature:** <https://jr.brainpop.com/science/scienceskills/temperature/>
* **The Solar System:** <https://jr.brainpop.com/science/space/solarsystem/>
* **Space:** <https://jr.brainpop.com/science/space/>
* **The Sun:** <https://jr.brainpop.com/science/space/sun/>
* **The Earth:** <https://jr.brainpop.com/science/space/earth/>
* **The Moon:** <https://jr.brainpop.com/science/space/moon/>
* **Mars:** <https://jr.brainpop.com/science/space/mars/>
* **Eclipse:** <https://www.brainpop.com/science/space/eclipse/>
* **The Water Cycle:** <https://jr.brainpop.com/science/weather/watercycle/>
* **Clouds**: <https://www.brainpop.com/science/weather/clouds/>
* **Humidity:** <https://www.brainpop.com/science/weather/humidity/>
* **Weather:** <https://www.brainpop.com/science/weather/weather/>
* **Atmosphere:** <https://www.brainpop.com/science/earthsystem/earthsatmosphere/>
* **Wind:** <https://www.brainpop.com/science/weather/wind/>
* **Fast Land Changes:** <https://jr.brainpop.com/science/land/fastlandchanges/>
* **Slow Land Changes:** <https://jr.brainpop.com/science/land/slowlandchanges/>
* **Earthquakes:** <https://www.brainpop.com/science/earthsystem/earthquakes/>
* **Landforms:** <https://jr.brainpop.com/science/land/landforms/>
* **Mountains:** <https://www.brainpop.com/science/earthsystem/mountains/>
* **Reduce, Reuse, Recycle:** <https://jr.brainpop.com/science/conservation/reducereuserecycle/>
* **Natural Resources:** <https://jr.brainpop.com/science/conservation/naturalresources/>
* **Soil:** <https://jr.brainpop.com/science/land/soil/>
* **Weathering:** <https://www.brainpop.com/science/weather/weathering/>
* **Gravity:** <https://jr.brainpop.com/science/forces/gravity/>
* **Forces:** <https://jr.brainpop.com/science/forces/>
* **Simple Machines:** <https://jr.brainpop.com/science/forces/simplemachines/>
* **Pushes & Pulls:** <https://jr.brainpop.com/science/forces/pushesandpulls/>
* **Sink or Float:** <https://jr.brainpop.com/science/forces/sinkorfloat/>
* **Matter:** <https://jr.brainpop.com/science/matter/>
* **Changing States of Matter:** <https://jr.brainpop.com/science/matter/changingstatesofmatter/>
* **Physical & Chemical Changes:** <https://jr.brainpop.com/science/matter/physicalandchemicalchanges/>
* **Solids, Liquids, and Gasses:** <https://jr.brainpop.com/science/matter/solidsliquidsandgases/>
* **Heat:**  <https://jr.brainpop.com/science/energy/heat/>
* **Energy Sources:** <https://jr.brainpop.com/science/energy/energysources/>
* **Light:** <https://jr.brainpop.com/science/energy/light/>
* **Sound:** <https://jr.brainpop.com/science/energy/sound/>
* **Freshwater Habitat:** <https://jr.brainpop.com/science/habitats/freshwaterhabitats/>
* **Food Chain:** <https://jr.brainpop.com/science/animals/foodchain/>
* **Ocean Habitat:** <https://jr.brainpop.com/science/habitats/oceanhabitats/>
* **Extinct & Endangered Species:** <https://jr.brainpop.com/science/conservation/extinctandendangeredspecies/>
* **Floods:** <https://www.brainpop.com/science/earthsystem/floods/>
* **Desert:** <https://jr.brainpop.com/science/habitats/desert/>
* **Rainforest:** <https://jr.brainpop.com/science/habitats/rainforests/>
* **Arctic Habitat:** <https://jr.brainpop.com/science/habitats/arctichabitats/>
* **Classifying Animals:** <https://jr.brainpop.com/science/animals/classifyinganimals/>
* **Migration:** <https://jr.brainpop.com/science/animals/migration/>
* **Plant Life Cycle:** <https://jr.brainpop.com/science/plants/plantlifecycle/>
* **Butterflies:** <https://jr.brainpop.com/science/animals/butterflies/>
* **Camouflage:** <https://jr.brainpop.com/science/animals/camouflage/>
* **Seasons:**  <https://jr.brainpop.com/science/weather/seasons/>
* **Frogs:** <https://jr.brainpop.com/science/animals/frogs/>
* **Hibernation:** <https://jr.brainpop.com/science/animals/hibernation/>
* **Plant Adaptations:** <https://jr.brainpop.com/science/plants/plantadaptations/>
* **Parts of a Plant:** <https://jr.brainpop.com/science/plants/partsofaplant/>
* **Insects:** <https://jr.brainpop.com/science/animals/insects/>
* **Behavior:** <https://www.brainpop.com/science/ecologyandbehavior/behavior/>
* **Conditiing:** <https://www.brainpop.com/science/ecologyandbehavior/conditioning/>

**Internet Resources by TEKS**

**3.5C: Predict, observe, and record changes in the state of matter caused by heating or cooling. *(Supporting Standard)***

* Changing State <http://www.bbc.co.uk/schools/ks2bitesize/science/materials/changing_state/play.shtml>
* Different Changes <http://www.bbc.co.uk/schools/ks2bitesize/science/materials/reversible_irreversible_changes/play.shtml>
* Solids and Liquids <http://www.bbc.co.uk/schools/ks2bitesize/science/materials/solids_liquids/play.shtml>
* States of Matter <http://www.harcourtschool.com/activity/states_of_matter/>

**3.6B: Demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons. *(Supporting Standard)***

* Amusement Park Physics: <http://www.learner.org/exhibits/parkphysics/>
* Science Clips: <http://www.bbc.co.uk/schools/scienceclips/ages/6_7/science_6_7.shtml>
* Science Clips: <http://www.bbc.co.uk/schools/scienceclips/ages/7_8/science_7_8.shtml>
* Science Clips: <http://www.bbc.co.uk/schools/scienceclips/ages/8_9/science_8_9.shtml>
* Science Clips: <http://www.bbc.co.uk/schools/scienceclips/ages/9_10/science_9_10.shtml>
* Science Clips: <http://www.bbc.co.uk/schools/scienceclips/ages/10_11/science_10_11.shtml>

**3.7B: Earth and space.**

**The student knows that Earth consists of natural resources and its surface is constantly changing. The student is expected to: (B) Investigate rapid changes in Earth’s surface such as volcanic eruptions, earthquakes and landslides. *(Supporting Standard)***

* Musical Plates: <http://www.k12science.org/curriculum/musicalplates3/en/studentactivities.shtml>
* The Volcano: <http://www.enchantedlearning.com/subjects/volcano/>
* Tornadoes: <http://www.nationalgeographic.com/forcesofnature/interactive/?section=e>

**3.8D: Identify the planets in Earth’s solar system and their position in relation to the Sun. *(Supporting Standard)***

* Astronomy for Kids: <http://www.dustbunny.com/afk/planets/>
* Astronomy for Kids: <http://www.frontiernet.net/~kidpower/astronomy.html>
* Solar System: <http://www.kidsastronomy.com/solar_system.htm>
* Zoom Astronomy: <http://www.enchantedlearning.com/subjects/astronomy/>

**3.9A: Organisms and environments. The student knows that organisms have characteristics that help them survive and can describe patterns, cycles, systems, and relationships within the environments. (A) Observe and describe the physical characteristics of environments and how they support populations and communities within an ecosystem. *(Supporting Standard)***

* Clean Up the Park: <http://www.funbrain.com/recycle/recycle.swf>
* Dealing with Endangered Species: <http://www.sandiegozoo.org/kids/games/dwes.swf>
* The Great Plant Escape: <http://www.urbanext.uiuc.edu/gpe/>

**3.10: Organisms and Environments. The student knows that organisms undergo similar life processes and have structures that help them survive within their environments. The student is expected to: (C) Investigate and compare how animals and plants undergo a series of orderly changes in their diverse life cycles such as tomato plants, frogs, and lady bugs. *(Supporting Standard*)**

* Cycles of Life: <http://teams.lacoe.edu/documentation/classrooms/judi/life/activities/cycles/life_cycles.html>
* Life Cycle of Seed Plants: <http://www.biology.ualberta.ca/facilities/multimedia/index.php?Page=271>
* Life Cycles: <http://www.bbc.co.uk/schools/scienceclips/ages/9_10/life_cycles.shtml>
* What is the Life Cycle of a Plant?: <http://www.urbanext.uiuc.edu/gpe/case1/c1m2a.html>
* What are the Parts of a Flower?: <http://www.urbanext.uiuc.edu/gpe/case4/c4m1.html>