

## How Things Work

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- Amusement Park Physics  
<http://www.learner.org/interactives/parkphysics/>

Create your own amusement park rides - a roller coaster, carousel, bumper cars, free fall, and pendulum ride. Plan it carefully--it has to pass a safety inspection.

- Atmospheric Optics  
<http://www.atoptics.co.uk/links.htm>

Light playing on water drops, dust or ice crystals in the atmosphere produce a host of visual spectacles - rainbows, halos, glories, coronas and many more. Find out where to see them and how they form.

- Car Buying Tips  
<http://www.carbuyingtips.com/>

Provides all the tips and advice you'll need to buy that car of yours. Has information on lemons, scams, leasing, financing, insurance, DMV (Department of Motor Vehicles) sites, and much more.

- Conservation Investigation: Seahorses  
[http://www.sheddaquarium.org/sea/interactive\\_module.cfm?id=11](http://www.sheddaquarium.org/sea/interactive_module.cfm?id=11)

You are a reporter for an international newspaper assigned to investigate the sea horse situation. You can travel to the Philippines and see seahorses and their habitat, interview local people, scientists, fishermen, traders, medicine users, and do library research for documents and statistics.

- Homework Help's Multimedia Interactive Lessons  
<http://www.homeworkhelp.com/>

Dissect a frog, throw the particles of an atom around, play reflections with a mirror and object, or choose from other interactive units.

- How Stuff Works  
<http://www.howstuffworks.com/>

Series of articles that explore the workings of electronics, computers etc...

- How Things Work - Lasers  
<http://www.howeverythingworks.org/lasers.html>

Learn how lasers work

- Hurricane & Storm Tracking for the Atlantic & Pacific Oceans  
<http://hurricane.terrapin.com/>

Learn about the latest storms or about typhoons, hurricanes, and tropical storms in general.

- In Search of the Ways of the Knowing Trail  
[http://www.brookfieldzoo.org/pagegen/wok/index\\_f4.html](http://www.brookfieldzoo.org/pagegen/wok/index_f4.html)

You make the decisions in this interactive adventure through the jungles of Ituri.

- **In the wild**  
<https://www.brookfieldzoo.org/shell/?nSection=9>

Brookfield Zoo's scientists know what is like to discover fascinating facts about animals and their environments. Now they want you to go with them Into the Wild.

- **Kelley Blue Book**  
<http://www.kbb.com/>

Find out how much that used or new car should be worth. Has sections on used vehicles, motorcycles, new car previews, new car prices, buying & selling, and even a title history report of that car you're looking at.

- **Motor Cities**  
<http://www.motorcities.com/>

Has a mission to have at least one picture of every vehicle that has ever been produced in the history of this planet.

- **Odyssey**  
<http://www.odysseymagazine.com/>

Has live webcams all over the world, ask an internationally known scientist (they change monthly) a question, read the latest articles on what is going on in our world, or find an article that interests you.

- **Project Sol**  
<http://projectsol.aps.com/>

Welcome to the world of solar electricity. where energy from the sun can power the computer you're using.

- **The Weather Channel**  
<http://www.weather.com/>

Look for weather conditions anywhere in the world. Offers weather information as it relates to skiing conditions, holidays, travel, driving, golf, events, and more.

- **Trading Around the World**  
<http://www.imf.org/external/np/exr/center/students/trade/index.htm>

Play this game to experience the challenges and excitement of international trade. See if you can get the best price for the goods you sell and the biggest bargains for the goods you buy. Watch how the global economy is doing: the prices you'll be able to get and the deals you can make depend on how healthy the global economy is.

- **United States Geological Survey: Earthquake Information**  
<http://quake.wr.usgs.gov/>

Provides information on the latest earthquakes around the world, and even has a link to possible science fair projects.

- **Washington, DC National Zoo**  
<http://nationalzoo.si.edu/default.cfm>

Visit the animals of the Washington National Zoo via live cams.