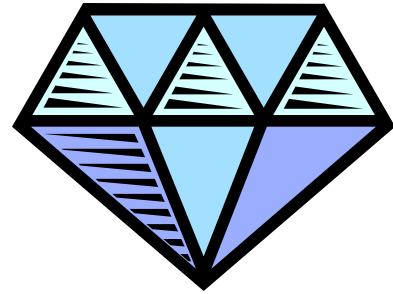




Jr. GEMS
October 31, 2011



Today we experimented and talked about aerodynamics, wind resistance and the concept of drag.

Here are some web links you might be interested in:

<http://www.exploratorium.edu/cycling/aerodynamics1.html>

This one is about bicycles but the principles are the same.

<http://www.physicsclassroom.com/class/newtlaws/u2l3e.cfm>

Scroll down to the animation with the elephant ☺

http://www.apawood.org/level_b.cfm?content=app_bas_wind

A site for adults but it will help you understand the design of buildings

<http://www.howstuffworks.com/fuel-efficiency/fuel-economy/aerodynamics.htm>

http://www.abcya.com/create_and_build_car.htm Build your own car.

<http://www.guzer.com/games/creataride.php>

Here is another build your own car—but be careful on this site.

<http://www.guzer.com/games/creataride.php> And here is how you build your own car—you can use what you learned about aerodynamics to make it go really fast!

Interested in designing fast objects for a career?

http://www.women-in-aviation.com/Education/Just_For_Kids/

<http://wings.avkids.com/Careers/>

http://www.sciencebuddies.org/science-fair-projects/science-engineering-careers/Aero_aerospaceengineer_c001.shtml

Remember to use
the Internet safely,
with your parents'
permission and
supervision.

Never give out any
personal
information!