Science fair experiment:

-Must do an experiment and follow the scientific method

Question

Research question

Hypothesize

Test hypothesis

Analyze

Communicate work

-Will be marked based on a rubric (see my website for details)

-experiment must be based on the notes given about physical science

-must complete a science fair board: which must include a title, names of students, materials, procedure, results, conclusions, bibliography/references of sources your used.

-You must source/reference your work; this means anything that you use as research material and for information you must give that source credit under your bibliography section (include all websites, books, newspapers, and/or people that you may talk to for information).

-how to get started… find a partner that you can work with, where each of you will do equal amounts of work. Make sure both of you can get together after school to complete the project

-Look at the following websites for ideas for science experiments. Remember that you need to base these experiments off the information you have on physical science.

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

* + "science buddies" there is a hydrodynamics/aerodynamics option. Other ideas:
    1. Avalanche survival (related to density)
    2. Boat design (ie. how many pennies can it hold?)(buoyancy)
    3. Floating pop v. diet pop in water (density)
    4. Explaining "bed of nails" trick (force)
    5. Snowshoe design (force)
    6. Cartesian diver
    7. Scuba
    8. Brake systems in cars

<http://www.sciencebuddies.org/>  
<http://all-science-fair-projects.com/category0>  
<http://www.juliantrubin.com/fairprojects.html>

-the school district science fair website is a good source to go check out. There are helpful hints as to what you need to do to be successful

www.sd23sciencefair.com