

## Science Fair Resource Links

Below are a variety of resources to help guide you and your students through developing projects for science fair. These are examples and should not be duplicated since judges look for innovative projects.

### All Categories:

Submitted by Amber, future scientist: <http://www.gourmetgiftbaskets.com/Kitchen-Scientists-Home-Experiments.asp> She found this useful for her project.

The Discovery Channel's Science Fair Central.

<http://school.discoveryeducation.com/sciencefaircentral/> "Science Fair Central" on the main page has tons of excellent resources for students, parents, and teachers. This site includes project ideas, tip sheets, suggestions for making the display, etc. The "Soup to Nuts Handbook" is adapted from "A Guide to the Best Science Fair Projects" by Janice VanCleave.

A Student's Guide to Keeping the Science in Your Science Fair Project.

<http://www.ag.ncat.edu/extension/programs/dte/science.pdf> This great student guide by Ellen Smoak and Robert Williamson of the North Carolina A&T State University Cooperative Extension Program is geared towards elementary school students. It is perfect for first time science fair participants.

Science Fair Project Resources <http://www.sciencebuddies.org/> This website has free resources for students and teachers. We were impressed by "Science Fair Project Guide" under "Student Resources" that gives basic direction on how to collect the data students need in order to address their project goals (arranged by category such as microbiology, plant biology, etc.). The "Teacher Resources" section provides guidance on projects, planning science fairs, etc. Teachers can request a free classroom poster featuring the scientific method.

Kidspage at the Internet Public Library <http://www.ipl.org/div/projectguide/> Click on the different sections to find numerous science fair related pages. Sections include "Getting Started", "Scientific Method", "Choosing a Topic", "Completing the Project", "Displaying Your Project", "Tools & Research", and "Hints & Tips".

The Basic 5 Steps of a Science Project

<http://www.accessexcellence.org/LC/TL/scifair/sf5steps.php>

Science Fair Paper Guidelines <http://www.accessexcellence.org/LC/TL/scifair/sfpaperguide.php>

All Science Fair Projects Biology, Chemistry, Physics, Microbiology, Biochemistry, Medicine & Health, Environmental Science, Mathematics & Computer Science, and Engineering, Earth Science <http://www.all-science-fair-projects.com/category0.html>

Science Fair Project Ideas for Grades K-12 Physical Science, Engineering, Life Science, Behavioral & Social Science, Earth & Environmental

Science, Math & Computer Science, and Other [http://www.sciencebuddies.org/science-fair-projects/project\\_ideas.shtml](http://www.sciencebuddies.org/science-fair-projects/project_ideas.shtml)

Discovery Education: Science Fair Central 250 Project ideas: Behavioral Sciences, Biochemistry, Botany, Chemistry, Computer Science, Earth/Space Science, Engineering, Environmental Science, Mathematics Medicine & Health, Microbiology, Physics, Zoology  
<http://school.discoveryeducation.com/sciencefaircentral/elmers/250projectideas.html>

idSpace@ Internet Public Library: Kid Space Home Resources, Ideas, Guidelines  
<http://www.ipl.org/div/projectguide>

"Science Fairs made easy!" published by the Chicago Academy of Sciences Lists of science fair project ideas, Michael A. Peshkin  
[http://othello.mech.northwestern.edu/~peshkin/scifair/chias\\_ideas.html](http://othello.mech.northwestern.edu/~peshkin/scifair/chias_ideas.html)

The Science Club: Kids' Science Projects Simple, Medium, Advanced <http://scienceclub.org>

Science Fairs: The Centre for Distance Learning and Innovation (cdli) Primary Projects, Elementary Projects, Intermediate Projects, and Senior Projects <http://www.cdli.ca/sciencefairs>

Science Fair Projects and Experiments Topics, Ideas, Resources and Sample Projects For Primary, Elementary, Middle and High School Students and Teachers  
<http://www.juliantrubin.com/fairprojects.html>

Science News for kids: Science Project Topics  
<http://www.sciencenewsforkids.org/pages/sciencefairzone/topics.asp>

**Animal Sciences:**

**Behavioral & Social Sciences:**

**Biochemistry:**

**Cellular & Molecule Biology:**

**Chemistry:**

Royal Society of Chemistry Collection of 100 chemistry experiments  
[http://www.rsc.org/education/teachers/learnnet/classic\\_exp.htm](http://www.rsc.org/education/teachers/learnnet/classic_exp.htm)

**Computer Science:**

All Science Fair Projects - Mathematics & Computer Science Projects  
<http://www.all-science-fair-projects.com/category41.html>

**Earth Science:**

**Energy & Transportation:**

Energy and Environmental Education <http://www.need.org/energyfair.php>

**Engineering:**

**Environmental:**

**Mathematical Sciences:**

All Science Fair Projects - Mathematics & Computer Science Projects  
<http://www.all-science-fair-projects.com/category41.html>

Canadian Mathematical Society - Math Projects for Science Fairs  
<http://camel.math.ca/Education/mpsf>

Mathematics Science Fair Projects and Experiments  
<http://www.juliantrubin.com/mathematicsprojects.html>

The Math Forum @ Drexel - Math Ideas for Science Projects  
<http://mathforum.org/teachers/mathproject.html>

Science Buddies - Math Projects  
<http://www.sciencebuddies.org/science-fair-projects/landing-math-projects.shtml>

Math Ideas for Science Fair Projects <http://mathforum.org/teachers/mathproject.html>

Math Projects for Science Fairs <http://www.camel.math.ca/Education/mpsf>

**Medicine and Health Sciences:**

**Microbiology:**

**Physics:**

**Plant Sciences:**

Agricultural Ideas for Science Fair Projects <http://www.ars.usda.gov/is/kids/fair/ideas.htm>