

Science Experiments Resource Guide

A science program or series of science programs can be a fun and educational addition to your library's programming activities.

There are many sources you can use to find ideas for science programs and experiments you can do at the library.

Science Experiments

Science Bob

<http://www.sciencebob.com/index.php>

ZOOMsci PBS Kids

<http://pbskids.org/zoom/activities/sci/>

Scholastic—40 Cool Science Experiments on the Web

<http://www.scholastic.com/teachers/article/40-cool-science-experiments-web>

National Geographic Kids Science

<http://kids.nationalgeographic.com/kids/activities/funscience/>

Activity TV.com

<http://www.activitytv.com/science-experiments-for-kids>

Weird Science Kids

<http://weirdsciencekids.com/FunExperiments.html>

Kids Science Projects

<http://www.sciencemadesimple.com/projects.html>

Program Ideas

Science Fair Help Day

<http://www.rhonnold.com/sciencefair.html>

Present a Science Fair Help Day for students and their parents to come to the library to find project ideas, to see how science is at work in their community, and to gather information to complete a science fair project successfully. This program can provide guidance for first time science fair students, consolidate resources for experienced students, and give relief to parents and fun for children.

Science Explorers

Science Explorers can be a stand-alone or regular program. For each session choose a science concept to explore. Talk a little about the concept at the beginning of the program. Then perform a science experiment that demonstrates the concept for the group. Next provide a related simple science experiment that all of the attendees can do, either individually or in small groups.

Possible Experiments

Bubbling Lava Bottle, Naked Eggs and Flying Potatoes, pg 37
Eating Nails for Breakfast, Naked Eggs and Flying Potatoes, pg 57
Seven Layer Density Column, Naked Eggs and Flying Potatoes, pg 71
The Baby Diaper Secret, Naked Eggs and Flying Potatoes, pg 117
The Ultimate Windbag Challenge, Fire Bubbles and Exploding Toothpaste, pg 9
Butter it Up, Science Rocks!, pg 28
Violent Volcano, Science Rocks!, pg 38
Balloon Hovercraft, Science Rocks!, pg 54
Set Up a Solar Oven, Science Rocks!, pg 75
Charm a Paper Snake, Science Rocks!, pg 98
Wind Whizzer, Science Rocks!, pg 121

Mythbusters

Base your program on the popular TV series, Mythbusters. You can find tips for doing a Mythbusters program at the sites below:

<https://sites.google.com/site/thetweenscene/home/april>

<http://litfromthewasteland.wordpress.com/2012/08/07/urban-legends-program-mythbusters-meets-tweens/>