

## Data Analysis Resources

### Science Buddies: Data Analysis and Graphs

[www.sciencebuddies.org/science-fair-projects/SciF\\_Project\\_Guide\\_Data\\_Analysis.pdf](http://www.sciencebuddies.org/science-fair-projects/SciF_Project_Guide_Data_Analysis.pdf)

Overview of how students can analyze data and provides checklists. Adobe Reader\* required.

### Guidebook for Student Projects in Data Analysis

[www.amstat.org/chapters/nevada/k12postercompetition/NVASA%20Data%20Project%20Guide%20v0907.pdf](http://www.amstat.org/chapters/nevada/k12postercompetition/NVASA%20Data%20Project%20Guide%20v0907.pdf)

A guide for K–12 teachers in the creation of projects that incorporate data analysis.

Topics include:

- Asking the Question
- Collecting the Data
- Organizing and Analyzing the Data
- Completing the Project
- Assessing the Project

### Statistics: Power from Data!

[www.statcan.gc.ca/edu/power-pouvoir/toc-tdm/5214718-eng.htm](http://www.statcan.gc.ca/edu/power-pouvoir/toc-tdm/5214718-eng.htm)

A Web resource published primarily for secondary students of mathematics and information studies, as well as for teachers and others wanting to understand and use statistics. Created by Statistics Canada\*.

### Data Analysis: As Real World As It Gets

[http://wiki.nsdl.org/index.php/MiddleSchoolPortal/Data\\_Analysis:\\_As\\_Real\\_As\\_It\\_Gets](http://wiki.nsdl.org/index.php/MiddleSchoolPortal/Data_Analysis:_As_Real_As_It_Gets)

Resources for teaching about data and statistics for middle school students as supported by the NCTM Standards\* (NCTM, 2000). Includes interactive online activities.

### Introduction to Data Analysis

<http://asdlb.org/onlineArticles/ecourseware/Harvey/DataAnalysisHome.html>

A guided introduction to several topics of importance to the analysis of data. Each topic begins with an introduction and is followed by several problems, a summary statement, and topics for further study. The modules are written for undergraduate students and assume no prior experience with data analysis. An introduction on how to use these resources can be found at

<http://asdlb.org/onlineArticles/ecourseware/Harvey/DataAnalysisASDL.html>.

### Instructional Assessment Resources: Data Analysis, Probability, and Discrete Math

[www.amphi.com/departments/technology/assess/strand2dapdm.html](http://www.amphi.com/departments/technology/assess/strand2dapdm.html)

Links to lessons and data investigations.