

Using Excel for Classroom Activities

An Internet Hotlist on Excel

(Apologies in advance for any repeated links. Also, remember that the Internet changes minute-by-minute, so what's here right now may be gone before I finish typing. If a link no longer works, try pasting it into a Google search to see if the link has just changed.)

[Center for Technology and Teacher Education](#) - Microsoft Excel Interactive Projects
[Classrooms That Excel Resources](#) - Guides, Tutorials, Applications and Lesson Plans
[Integrating Spreadsheets in the Classroom](#) - Tutorials, Assessment, Charting & Graphing, Real-time data, Lesson Plans and WebQuests
[Internet4Classrooms](#) - Excel learning modules on a variety of topics; other Excel links
[Internet4classrooms - How to use Excel](#) - Non-math uses of Excel
[Lee's Summit Schools](#) - Lesson plan ideas
[Microsoft](#) - Lesson plans – search by grade, subject area, etc
[Microsoft Excel templates](#) - Save some time - use templates designed by Microsoft - there is a section just for education
[Mitchell Tech](#) - Glossary of Excel terms
[NC Public Schools](#) - Computer/Technology Skills Standard Course of Study
[TechKnowPark](#) - Spreadsheet resources from NCDPI
[Internet 4 Classroom Tutorials](#) - Excel can be taught through these tutorials.
[Introduction to Excel in the Classroom](#) - Activities and Resources for using Excel with pupils.
[Teach-nology's Tutorial for Excel](#) - A look at the pros and cons of using Microsoft Excel as an application with your students.
[Tranforming Teaching Through Technology](#) - Here are a few really great sites on using Excel in the classroom including templates for posters and calendars.
[Using Excel in the Classroom](#) - Classroom intergration of Excel is included in these links for lessons across the curriculum.
[Classrooms that Excel Resources](#) - Guides, Tutorials, Applications and Lesson Plans
[Excel Ideas for the Classrooms](#) - This is a collection of samples for the use of Excel and many web resources for the classroom.
[Excel Spelling Activity](#) - Interactive Spelling helps develop literarcy among the students.
[Integrating Spreadsheets in the Classroom](#) - Get students to see data represented in graphs often.
[Lots of Excel Lessons](#) - An alphabetical list of topics that are ideas for greating spreadsheet lessons.
[Microsoft Excel Lesson Plan Suggestions](#) - This is a collection of lesson published by Microsoft.
[Spreadsheets Activities](#) - Sue LeBeau createdlarge collection of ideas and resources that have been placed on this website.
[Spreadsheets in the Classroom Using Excel](#) - Easy Quick Tips to follow to learn how to use Excel with students.
[To Excel for the Classroom](#) - This website integrates real life situations with technology.

[Using Trackstar to Find Lessons](#) - By using this link you can find many lessons written for all age students using spreadsheets.

[Almost Everything You Need for Using Spreadsheets in the Classroom](#) - Interesting Links for using excel in the classroom.

[Classroom Resources for Spreadsheets](#) - How to use spreadsheets is explored through these many links.

[Excel Lessons found in Trackstar](#) - Here is a list of Trackstar lesson plans teaching students about Excel and spreadsheets.

[Excel Technology Integration](#) - Both teachers and students can use this software to create useful and informative databases, graphs, and charts.

[Developers Guide to Excelets](#) - Mathematical samples of interactive Excel are linked to this page.

[Interactive Excel](#) - Downloadable examples of interactive Excel can be found on this page.

[Interactive Excel Projects](#) - A collection of teacher-made projects and student samples can be found on this website. There will be links for how to create these projects and samples of games and puzzles using excel.

[Spreadsheet Vocabulary](#) - Use to help students understand terminology

[Microsoft Excel Modules](#) - A site created to provide a wealth of information for basic excel information. Pay particular attention to the Creating and Designing Single Use Spreadsheets for classroom applications.

[Spreadsheet Basics](#) - This online tutorial helps understand and visualize the vocabulary associated with spreadsheets while you have an Excel file open.

[A Viewlet for Learning Excel Basics](#) - This site runs a program to view how to set up a spreadsheet which analyzes temperatures.

[What Is Excel?](#) - This site gives a general overview of Excel and lessons that help with learning the basics.

[Online Training with Excel](#) - This site has the basics of Excel broken down into sections with Quicktime video used to explain each section. Great for the audio and visual learner.

[An Overview of Excel Basics](#) - Gives an overview of the most basic features of Excel.

[PowerPoint Presentation on Spreadsheet Basics](#) - Use this to help students understand spreadsheets or introduce the topic before an activity.

[Spreadsheet Crossword Puzzle](#) - An interactive site for students to test their understanding of spreadsheets.

[Go Shopping to Understand How Things Add Up](#) - This is a fun online activity than can be used to introduce spreadsheets into your classroom while at the same time teaching how to use formulas to calculate. After going through the activity, you can have students go home, inventory their current toys, estimate value, and create a spreadsheet to show the net worth.

[Analyzing Time Management Choices](#) - This website can be used with students to analyze how students choose to spend their time. As an activity, you could have students spend a week recording the choices they make and graph them as a class.

[Spider Spreadsheet](#) - An activity based lesson on spiders. Students use spreadsheet functions to find out if they would like to have a spider as a pet. This lesson includes math, science, language arts, and computer literacy skills.

[Crazy Questions and Incriminating Spreadsheet Data](#) - Students will love creating their spreadsheet data based on the crazy questions they will ask to get it. You could involve several different student projects with this site, come up with different results, and talk about other possibilities. Get ready for student excitement with this one.

[Create A Graph Website](#) - This site is great to use for an introduction into graphing. It is web-based and you can print or save the information to a disk. Great for using at home if students do not have Excel.

[A Day in the Life of a Meteorologist](#) - Based on the weather maps and data students collect over a period of two weeks, they create a PowerPoint

[Bar Graph Analysis and Creation](#) - Check this site out to help students learn to 'picture' the data and interpret its results.

[Spreadsheet Terms](#) - Interactive webpage reviewing spreadsheet terms

[Retrieve, Edit, Print Spreadsheet Quiz](#) - Interactive webpage reviewing how to Retrieve/Edit/Print Spreadsheets

[Advantages and Uses of Spreadsheets](#) - An interactive site using questions related to spreadsheet uses.

[Charting Using Spreadsheets](#) - An interactive site to analyze your charting capabilities.

[Fast Food Fun](#) - This site is a great way to get students to realize nutrition facts by using spreadsheet calculations for analyzing fat calories and their eating habits.

[Things to Graph](#) - This provides an ABC list of things you can graph to help students choose and take ownership of graphing projects.

[An Excel Data Gathering Field Trip -- In the Parking Lot](#) - Using the cars parked in your school's parking lot you can get students involved in data collection and reporting.

[Personal Energy Meter](#) - Gives a lesson plan for using Excel to calculate the energy costs for household appliances. (Science & Language Arts)

[World Pizza](#) - In this project, students embrace the best of both worlds by first imagining a global pizza with ingredients from all over, and then developing a savvy, sensitive plan to market the product in a very particular place. (Social Studies and Geography)

[Code Crackers Math Game](#) - This engaging and challenging math game provides students with opportunities to work with math operations and simple algebraic equations by creating a spreadsheet-based 'rule machine.'

[Group Graphing](#) - The instant creation of graphs and charts from spreadsheets in various styles reduces the tedium of drawing and coloring and lets us get right to the exercise of selecting, interpreting and querying data.

[Middle School Examples of Using Spreadsheets](#) - Technology integration activities using spreadsheets in the middle school environment.

[Spreadsheet Safari](#) - This website uses spreadsheet software which engages students with core content areas.

[To Excel is Elementary](#) - While this site is a resource for elementary teachers, it has some excellent resources for special needs students to understand how to use Excel.

[Using Data and Statistics](#) - This site would be useful in helping students understand what types of charts and graphs to use and when. It also gives some excellent class project ideas.

[Creating Charts and Graphs WebQuest](#) - This WebQuest is an activity that can improve your students skills in being able to read and interpret graphs.

[Interpreting Graphs - An 8th Grade WebQuest](#) - A WebQuest for 8th Grade Algebra on Interpreting Graphs

[Using and Interpreting Graphs - A WebQuest for Pre-Algebra](#) - Deciding which graphs are appropriate for which situations

[Tutorial on Graphs](#) - Gives advantages and disadvantages and purposes of using graphs. This site covers the types of charts and graphs and helps students know how to choose the right one for a task.

[Choosing Charts and Graphs to Display Data](#) - Tables, charts and graphs are convenient ways to clearly show your data. Choose the best graph form to express your results.

[Education World Article on Using Spreadsheets in Middle School to Integrate Math](#) - This site links you to a great article called, 'EXCEL-lent Middle School Math Lessons'. These are some wonderful ideas for incorporating spreadsheets within the Math curriculum, particularly in Algebra and Geometry.

[To Excel in the Classroom](#) - A very helpful site for teachers who want to implement Excel into the curriculum including a link to ten reasons to use Excel.

[Collection of Excel Tutorials from SEDS](#) - Several different choices for learning different aspects of spreadsheets.

[Learning Microsoft Excel](#) - Learning Microsoft Excel is designed to introduce you to the basic operation and functions of Microsoft Excel for Windows 5.0. The lessons include practice exercises to work through as well as examples for using spreadsheets in your work. Although designed for an earlier version of excel, this site may prove useful.

[Microsoft Excel 2000](#) - A basic, general tutorial for Excel.

[Internet 4 Classrooms Excel Tutorial - Microsoft Excel Modules](#) - A very easy to understand tutorial for MS Excel and sample workbooks to download.

[Tech Train: Overview of Microsoft Excel](#) - A great online tutorial.

[Excel Tests](#) - A helpful slideshow presentation on how to use Excel to create tests.

[Tips and Tricks to MS Excel](#) - This is a great site for teachers to gain some tips and tricks when using MS Excel.

[Florida Gulfcoast University Excel 2000 Tutorials](#) - Well-organized list of Excel 2000 functions and snapshots of the region demonstrated.

[Basic Excel Tutorial](#) - This is a basic tutorial of Excel.

[Classroom Activities](#) - This is the the classroom activities and spreadsheets site. Here, you can go to all of our sites that are based on everyday school subjects. You can play fun games, take quizzes, or learn more about subjects.

[INTEGRATING SPREADSHEET APPLICATIONS](#) - Collections of spreadsheet lesson plans written by university students.

[Spreadsheets and Database Lesson Plans](#) - This is a large collection of lesson plans from several sources.

[Spreadsheet Activities](#) - The focus of this page is on the importance of using spreadsheets in your curriculum and the educational value of spreadsheet activities to improve student achievement.

[Learning Excel: The Land Grant Training Alliance](#) - great Excel tutorial complete with additional practice exercises.

[Microsoft Education Tutorials](#) - This site offers downloadable exercises for learning MS Excel. Although it is for the 97 version, most directions are the same with 2000.

[INTEGRATING SPREADSHEET APPLICATIONS](#) - A list of possible project ideas to integrate spreadsheets in all levels of education.

[LT Technologies](#) - This site offers links to real world statistics and many, many student projects for all grade levels.

[Microsoft Template Gallery](#) - A variety of templates used with all Microsoft Office Applications.

[EXCEL PROJECT IDEAS](#) - This site gives examples of types of data that work best for Excel spreadsheet projects? Also has links to a site on pictographs and more.

[Microsoft Education Lesson Plans](#) - Microsoft gives many lesson plan examples and ideas for integrating technology into the classroom.

[Using Spreadsheets in the Classroom](#) - A complete list of sites on how to use Excel as well as many lesson plan ideas.

[Excel in the Classroom](#) - Link to more links on rubrics, charting, lesson plans.

[Lesson Plan Central - Learning Excel](#) - Excel basics and activities.

[Spreadsheet Resources](#) - Topics include Tutorials, Real World Data on the Internet. Internet Teaching Resources for Collecting and Analyzing Data, General, Elementary School, Middle School, High School and Print Resources.

[Excel-lent Links](#) - A hotlist of Resources Individual Lessons, Interactive Activities and Online Projects

[What's All the Hype? - TeAch-nology Tutorial](#) - Seen by many as the industry standard for data analysis, including graphing and producing tables, Microsoft's Excel is a wonderful application that can be used to achieve student learning outcomes.

[How to Create a Pie Chart](#) - Gives you a step-by-step procedure on how to create pie charts

[How to Create a Bar Chart](#) - Shows the steps on how to create a bar chart.

[Types of Excel Charts](#) - Lists the basic chart types in Excel. Also explains what each type of chart is usually used for.

[School Spreadsheet Safari](#) - In this website you'll learn about the history of spreadsheets, how to use them, and vocabulary. You will find out how spreadsheets can be used in a variety of school subjects and how they can help you organize information and practice skills.

[To Excel in the Classroom](#) - A very helpful site for teachers who want to implement Excel into the curriculum including a link to ten reasons to use Excel.

[Excel Formulas](#) - A guide to help in creating useful formulas in Excel.

[Create a Graph](#) - Grades 4 - 8 Interactive site allows students to create various types of graph right on the web. Excel-lent samples

[Almost Everything You Need for Using Spreadsheets](#) - This site includes links for learning about and using spreadsheets, student lessons, and much more.

[Create a Chart or Graph](#) - These step-by-step, illustrated instructions show how to create a chart or graph in most versions of Excel up Excel 2003

[Microsoft Excel](#) - a tutorial for Microsoft Excel on the basics of making a spreadsheet , including formulas, data, and more.

[Analyzing data with Excel](#) - Some fun with math using MS Excel