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Introduction

This book is designed to help you use *Microsoft Excel* in the classroom with your students. All of the English, maths, science, social studies, health, art and physical education projects incorporate the use of *Microsoft Excel*.

Curriculum Integration

Feel free to adapt the activities in this book to match the needs of your students. For example, in the *Parts of Speech Pie* project, you may choose to skip the *Naming Nouns* project and have your students find pronouns, adjectives, conjunctions or adverbs instead. When you use the *Microsoft Excel* template files from the CD-ROM, you can also change the worksheet formatting to suit you. Adapt the breadth and depth of the projects and their workbooks and worksheets to match the abilities of your students.

About the Version of *Microsoft Excel* Used for This Book

All of the *Microsoft Excel* files and templates in this book were created using *Microsoft Excel 2000* and saved in *Excel 5.0/95*. The files and templates can be used in *Microsoft Excel 95*, *Microsoft Excel 97* or *Microsoft Excel 2000*.

About *Microsoft Excel*

Microsoft Excel is a software application designed for ‘number crunching’. After you enter data into a *Microsoft Excel* worksheet, the program can perform all sorts of mathematical calculations for you. *Microsoft Excel* also has some great data display capabilities. You can instantly generate column charts, bar charts, line charts, pie charts and scatter charts from the data you enter into a *Microsoft Excel* worksheet.

Although *Microsoft Excel* was originally designed for use in the business world, you will soon discover how nicely it can be applied to the field of education. Perhaps you have seen *Microsoft Excel* used at meetings or professional conferences. Even better, maybe you have created some of your own workbooks and worksheets for use with your students at school or for your university course work.

If you are not familiar with the basics of using *Microsoft Excel*, I recommend that you purchase and work through the lessons in *Microsoft Excel for Terrified Teachers* first. *Microsoft Excel for Terrified Teachers* provides you with step-by-step instructions for learning *Microsoft Excel*. It also includes some great project ideas.

Rhyming Race

In this activity, students work as a class or in groups, depending on their abilities. They race the clock, thinking of as many words as possible to rhyme with words such as *cat* and *man*. These words are entered into an *Excel* worksheet. The data is displayed as a bar chart and a column chart, so students can see which words they found the most rhyming words for.



Hardware and Software

You will need your computer system and *Microsoft Excel*.

Materials

You will need a timing device such as a clock, watch or stopwatch.

CD-ROM Files

Name	Description	Filename
<i>Rhyming Race Activity Sheet: Cat</i>	student activity sheet	rhymecat.doc
<i>Rhyming Race Activity Sheet: Man</i>	student activity sheet	rhymeman.doc
<i>Rhyming Race Activity Sheet: Hill</i>	student activity sheet	rhymehil.doc
<i>Rhyming Race Activity Sheet: Car</i>	student activity sheet	rhymecar.doc
<i>Rhyming Race Activity Sheet: Sad</i>	student activity sheet	rhymesad.doc
<i>Rhyming Race Activity Sheet: Wall</i>	student activity sheet	rhymewal.doc
<i>Rhyming Race Activity Sheet: Bug</i>	student activity sheet	rhymebug.doc
<i>Rhyming Race Activity Sheet: Map</i>	student activity sheet	rhymemap.doc
<i>Rhyming Race Activity Sheet: Bed</i>	student activity sheet	rhymebed.doc
<i>Rhyming Race Activity Sheet: Run</i>	student activity sheet	rhymrun.doc
<i>Rhyming Race Activity Sheet: Bag</i>	student activity sheet	rhymebag.doc
<i>Words That Rhyme Workbook Template</i>	workbook template	rhymetem.xls
<i>Words That Rhyme Workbook Sample</i>	workbook sample	rhymesam.xls



Rhyming Race

Directions: List all the words you can think of that rhyme with *man*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:

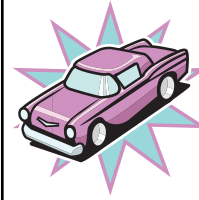


Rhyming Race

Directions: List all the words you can think of that rhyme with *hill*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *car*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *sad*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:

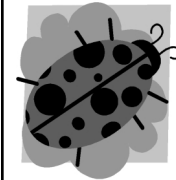


Rhyming Race

Directions: List all the words you can think of that rhyme with *wall*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *bug*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *map*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *bed*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name:



Rhyming Race

Directions: List all the words you can think of that rhyme with *run*.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.
13.
14.
15.
16.

Name: