



Additional Activity

Creating Puzzles

Name

Date

Period

Purpose/To Do

The purpose of this activity is to use *InterActions* ideas to create word puzzles that you can share with other *InterActions* students. The *InterActions* Student web site contains several examples of word puzzles. See these [examples](#).

Your task is to create at least three word puzzles of your own that are of two or more different types. To make these puzzles, use the following guidelines:

First create a list of *InterActions*-related words that you want to include in your puzzle. Try to come up a set of words that have a common theme. For example, you could create a set of words connected to ideas introduced in Unit 2. Or you could come up with a list of words that all have to do with mechanical interactions.

Then find some software that creates word puzzles. Some software is available on-line for free. If you go to the Puzzlemaker (www.puzzlemaker.com) web site, you can actually create puzzles on-line. Most puzzle-making software is not free, however. Check with your teacher to see if your school has any puzzle-making software.

Next, select the types of word puzzles you would like to create. Try to make each puzzle you create a different type of word puzzle. For this assignment, you need to have at least two different *types* of puzzles, in addition to a minimum of three puzzles.

The last step is to actually create the puzzles. Just follow the instructions in whatever software you use, or the instructions on the Puzzlemaker web site. The software should create the solutions to the puzzles as well.

If you want a real challenge, you could simply try to create the puzzles yourself, without using any software. Since creating your own puzzles is much more time-consuming, you need to check with your teacher to determine if you'll get any additional extra credit for creating your own puzzles.