

Statistics

Statistical Crossings

Vocabulary & Early Concepts

Scenario

Statistics involves a common understanding of a few often-used terms and a basic understanding of descriptions of data. A helpful “glossary” is important to understanding Statistics. This activity will allow you to be creative in your study of Vocabulary and then demonstrate your knowledge of those common terms.

Activity

1. Crossword Puzzle Construction

Please Develop and make a CROSSWORD PUZZLE using the vocabulary terms listed below.

Nominal Variables

Ratio Variable

Discrete Variables

Inferential Statistics

Datum

Ordinal Variables

Qualitative Variables

Continuous Variables

Population

Sampling

Interval Variable

Quantitative Variables

Descriptive Statistics

Sample

Probability

You must include the full puzzle, complete with boxes and numbering (across & down). You should try to make your puzzle with the questions on the same page as the blanks squares of the puzzle. These are the items that you will turn in.

1. **CREATE A “BLANK” PUZZLE to be completed by another student.** This can be done with any puzzle maker software that is free and available on-line. Here is a link to a good one: <http://worksheets.theteacherscorner.net/make-your-own/crossword/>

If you do not have computer access, then you can make a puzzle by hand. Carefully draw the boxes with a straight-edge and write your clues neatly on a separate area of your page or new piece of paper.

2. **A COPY OF THE PUZZLE WITH THE CORRECT ANSWERS** showing on the puzzle to be used as an answer key. This can be done on-line or by hand. You will come to class on the specified day and if finished with the puzzle, exchange puzzles with a classmate.

When doing this activity, remember the goal is for you to interact with the vocabulary and to come up with your own words for the definitions, so that you will have 1) Read the chapter, 2) saw a presentation on them, 3) made a puzzle coming up with your own definitions, and 4) take a puzzle using the meanings but different words for the definitions.