Title: Say It With A Graph

Grade and Subject: 11th (Urban Ecology)

Number of Days for Completion: 1

Overreaching Goals/ Outcomes: Introduce the concept of graphical analysis using a fun icebreaker activity.

Learning Goals/Outcomes: SWBAT- "Decode" short sayings or concepts expressed as graphs and/or charts (see examples in file “IndexedExamples”)

Materials: Index cards with charts/graphs printed on them; Corresponding PowerPoint

Introduction: This is a short icebreaker/ brainteaser activity to get students thinking about graphical displays of information.

Instruction/Direct Experience: Students will be asked to expand their idea of the types of information that can be conveyed using charts and graphs. They will be broken up into groups and handed a card with a saying or concept depicted in graphical format. They will be asked to "decode" the chart and share their results with the class.

Independent Activities: NA

Assessment: Students will discuss their results with the class

Connections: This lesson will be used as a basis for the graphical analysis of field data that is to be completed throughout the course

Source: Ideas for this activity were found through the blog www.thisisindexed.com