

Urban Ecology: Say it With a Graph

Brooklyn College City as a Lab GK-12 Program
Academy for Urban Planning
Lamb; S. Stempel

Time: 20-30 min
Hands On? Yes; Internet? No

Standards Met: *Living Environment: Standard 1—1.1,1.3, : Standard 4; PI 5.1, 6.3c, 7; Earth Science: Standard 1; Key Ideas 1, 2, 3 : Standard 2; Key idea 1*

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| 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