

Butterfly Brigade Project



Math Lessons

Day 1

- Discuss ways to interpret the data – compare number of species, compare survey locations, compare survey days/times
- Discuss ways to analyze data
 - List species from highest to lowest to determine most common and least common
 - Find averages for each location based on total number of species observed
 - Classify the diversity of each survey location based on total number of species observed; list from most diverse to least diverse
- Compile data from the field trips onto one form depending on the data each group has been assigned.

Day 2

- Computer Lab – Introduction to Excel (instruction page available)
- Start creating Butterfly Brigade spreadsheets
 - Set up spreadsheet (columns/rows)
 - Input data
 - Save the group's spreadsheet in the correct hour in the Butterfly Brigade folder on server (located on the JHApps server)

Day 3

- Finish inputting data into spreadsheets
- Create graphs using data in spreadsheet – Determine the best graph to display the data