Ecosystems

Concepts:

Number sense, concepts, operations, data analysis and probability

Sunshine State Standards:

LA.B.2.2
MA.A.1.2
MA.A.4.2
MA.E.1.2
MA.E.1.2
SC.G.1.2
SC.H.1.2

Materials:

- Wireless computer
- Spreadsheet program
- Ecosystem Template
- Sticks (rulers work) and string

Student Arrangement:
Students work in pairs

Procedure:

1. Create one-foot by one-foot plots of land in three different ecosystems (one for each day of the project).
2. Partner students and have them follow the directions on the worksheet.
3. While the data is being collected and placed into the chart, a graph will generate.
4. After the three days of data collection, write a paragraph about each ecosystem using the observations and data. Also write a paragraph comparing the three ecosystems.

Extension:

- Scan a living and non-living item from their plot to share with their presentation