

Fun Park Lesson Plan #2 – Graphing Data on a Double Line Graph

Name of teacher designing the lesson: Rose Rivezzi

Full day field trip to the Fun Park

Lesson # 2 Graphing data on a double line graph

SKILL

Collect and record data
Rounding numbers

CONCEPTS

Using a stopwatch; recording times to nearest second
Setting up a double line graph and accurately recording data

Brief outline of the lesson:

1. The students will go through a course in the Discovery Zone
2. Partners will time each other and record times on a chart.
3. Partners will make a double line graph.

Detailed step-by step outline of the day:

Several chaperones are useful for this lesson. One of the staff members of the Park was great about setting up a one-way course through the Discovery Zone. Students take turns going through the course while their partners time them. Times are recorded on the worksheet and rounded to the nearest second. Four trials are recorded. Once data is collected, students make their line graphs reflecting data for both students on one graph. Students can work at the tables there.

Resources Required:

1. Stopwatches
2. Pencils
3. Colored pencils to show two different colored lines
4. Worksheet (see below)

Preparation Required:

- Reproduce copies of worksheet
- Arrange for adult chaperones to assist students.
- Mark off the course
- Classroom lesson on line graphs

Assessment: I simply used a $\sqrt{+}$, $\sqrt{}$, $\sqrt{-}$ scoring depending on the completeness of the task or level of understanding.