

Chapter 2 Project Manager: The Big Dig!

Getting Started

Read the project. As you work on the project, you will need a calculator, a tape measure or ruler, and materials to make accurate and attractive graphs. Keep all of your work for the project in a folder.

Checklist

- ☐ Activity 1: organizing and analyzing data
- ☐ Activity 2: using formulas
- ☐ Activity 3: comparing male and female data
- ☐ Activity 4: comparing measurements
- ☐ project display

Suggestions

- ☐ Measure from the base of your thumb to the bend in your arm.
- ☐ Use the correct formulas for calculating your height. Try all three formulas to find the most accurate.
- ☐ Choose an effective table or graph.
- ☐ Include data from family members, teachers, or neighbors.
- ☐ Why might the measurements taken by another group differ? How accurate are these data? Do your graphs and spreadsheet(s) support your predictions?

Scoring Rubric

- 4 Appropriate types of graphs and charts are chosen. Graphs are labeled correctly and completely, and show accurate scales. Formulas and calculations are accurate. The spreadsheet presents data clearly and is easy to follow. Explanations are clear and correct.
- 3 The spreadsheet is complete and clear. The graph and formulas are appropriately chosen and used. There are minor errors in scale or computation. Reasoning and explanations are essentially correct, but sometimes awkward or unclear.
- 2 Graphs and selected formulas are somewhat correct. Calculations contain many errors. Explanations are not adequate.
- 1 Major elements of the project are incomplete or missing.
- 0 Project is not handed in or shows no effort.

Your Evaluation of Project Evaluate your work, based on the *Scoring Rubric*.

Teacher's Evaluation of Project