Grade 4 - Lesson 5
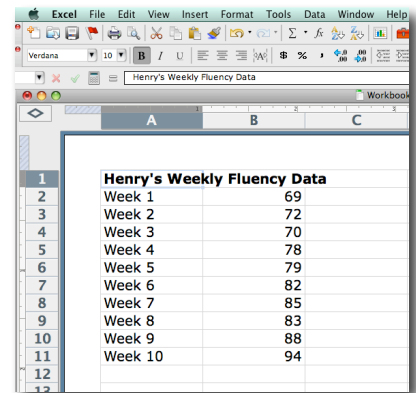
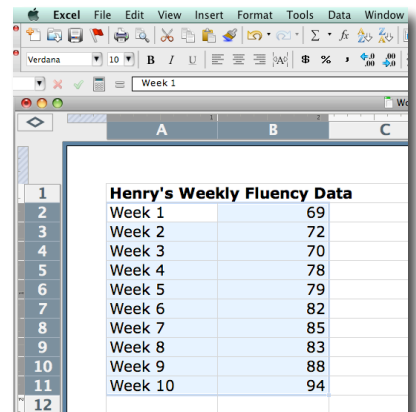**Graphs own OCR fluency progress using Excel**

We know, from working with the Open Court™ Reading Program for many years, that improving reading fluency has many positive implications for students, most especially, improved reading comprehension. Getting students more motivated to read and practice their fluency is the role of the teacher. One way many teachers has raised student reading fluency is through tracking their progress, and then providing positive reinforcement to help students further improve their fluency. When students take responsibility for tracking their own fluency growth through mathematic awareness and technology use, they likely will do even better. That is the goal of this Excel lesson.

1. Have students open Excel. Post the sample data on the projected computer for students to copy. Tell students to copy the data. The only difference would be that students would type their own fluency numerical data.
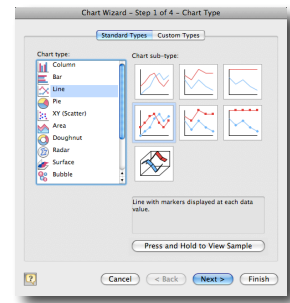

2. Have students select the data as it is shown in the illustration to the right.
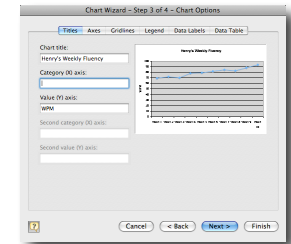
3. Use **Insert→Chart**, or click on the **Make Chart** button in the button bar. Choose **Line Chart**, as shown. Click **Next**.
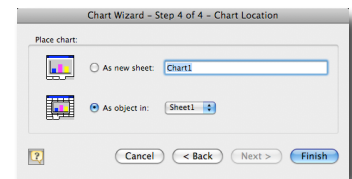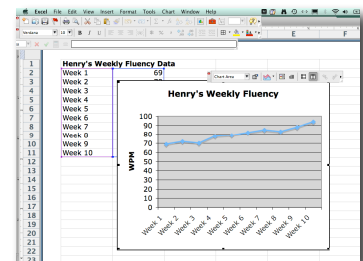
4. Click **Next**.
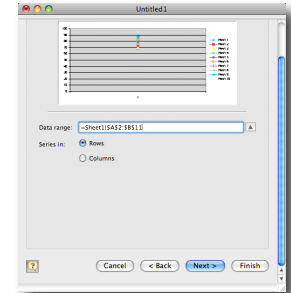
5. Add the text in the fields as shown.

6. Click **Finish**.

7. The chart appears over the spreadsheet.

8. If you would like the students to write about their experience with fluency practice, have them follow this procedure:
    a. click on the chart to select it
    b. pull down the **Edit** menu to **Copy**
    c. open a new Word document
    d. change the alignment to **Center**
    e. pull down the **Edit** menu to **Paste**