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Activities

Graphing Hurricane Data

Name: _____ Date: _____

In the Planet Diary activity *Predicting Hurricanes*, you collected Atlantic hurricane data. In this activity, you'll use the data to make some bar graphs.

Directions

- Use the data you collected at the Atlantic Hurricane Outlook and Summary Archive for your graphs. The hurricane predictions in *Looking at Hurricane Data* are given as a range of numbers. For this activity, you'll use the median or middle number of the range. If there's an odd number of numbers in the range, there's only one number in the middle. It's a bit trickier if there's an even number. For example, if the range is 1-4 (1,2,3, and 4), there are two numbers in the middle (2 and 3). Add the two middle numbers and divide by 2 to find the median (in this example, 2.5). Got it?
- From your table in Workspace question 1 in the *Predicting Hurricanes* activity (for chapter 1, lesson 3), find the median of the predicted number of hurricanes for each year (2005 to 2009). Enter the median in the table in the Workspace below.
- Record the actual number of hurricanes for each year in the table.
- Make bar graphs to display your data. Place the years 2005 to 2009 on the horizontal axis and hurricane number on the vertical axis. For each year, you'll have two bars. One bar represents the median predicted number. The other bar represents the actual number. Use a different color for each of two bars. Be sure to label both axes and add a title to your graph.

Workspace

Year	Predicted (median)	Actual
2005		
2006		
2007		
2008		
2009		

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