

Here is the original problem from the textbook:

26. **SEA LEVEL** Along the U.S. Atlantic coast, the sea level is rising about 2 millimeters per year. How many millimeters has sea level risen since you were born? How do you know? Use a linear equation and a graph to justify your answer.

Here is how I changed it:

Statement: The sea level is rising along the U.S. Atlantic coast. Explore the graph.

Notice and Wonder: What do you wonder about that? What have you noticed from things you have heard around you (news, science class, things you have discussed with friends and family)?

Some information: It is rising at 2 mm per year.
Notice and Wonder again.

Questions & Justifications:

1) How many millimeters has sea level risen since you were born? How do you know?

2) Represent your answer in an equation and a graph

**SATELLITE DATA: 1993-
PRESENT**

Data source: Satellite sea level observations.
Credit: NASA's Goddard Space Flight Center

RISE SINCE 1993
↑ 100.8
millimeters

