Claire Garcia

Analyzing Rainfall Data

In previous lessons, students will have begun looking at a garden site on our school property and will know that they will be creating a design. Students will be given a chart with rainfall data for the United States. They will color-code a graph with rainfall amounts in order to determine the differences in precipitation across the country. Students will complete a notice and wonder chart in order to track their thoughts as they graph the data. As a class, we will discuss why certain regions receive more or less precipitation. We will brainstorm what this might mean for our garden design,

Third Grade

NGSS Standard—3-ESS2-2.

Disciplinary Core Idea LS2.C

Goals:

- Create graphs that accurately portray rainfall amounts throughout the United States
- Use data (student-created graph) to draw conclusions about rainfall amounts in different regions
- Brainstorm why different regions receive different amounts of rainfall
- Establish what our data-based conclusions may mean for our own garden.

Math- examine rainfall and elevation data; transferring data to a map to be used more functionally

Science- explain relationships between rainfall and region; brainstorm rainfall's effect on plant growth

Technology- perform further research as student questions arise

Engineering– gather data to use for later in the unit to responsibly engineer a garden design

Art- create an accurate and attractive map of rainfall across the country