

# Analyzing and Interpreting Data

Elements of Student Performance

**Lower Elementary (KG-2)**



Science & Engineering Practice 4

Observable features of the student performance by the end of grade 2:

## Organize Data

Record information (observations, thoughts, and ideas).  
Organize data from observations using graphical displays (e.g., pictures, charts, grade-appropriate graphs).

## Identify Relationships

Identify and describe patterns in the organized data.  
Identify and describe relationships in the organized data.  
Compare predictions (based on prior experiences) to what occurred (observable events).

## Interpreting Data

Use the patterns and/or relationships as evidence to answer scientific questions and make predictions.

[K-PS2-2](#) / [K-LS1-1](#) / [K-ESS2-1](#) / [1-ESS1-1](#) / [2-PS1-2](#)