



# LESSON PLAN

GRADE

3-5

SUBJECT

Math

LESSON

TOPIC

Thanksgiving

DATE

## LESSON FOCUS AND GOALS

## Thanksgiving Favorites: Data Collection

## MATERIALS NEEDED

- Survey ballots or slips for voting
- Graph paper or blank bar chart templates
- Markers, crayons, or colored pencils

## LEARNING OBJECTIVES

- Collect and organize data from a survey
- Create and label a bar chart
- Analyze data by comparing & discussing the results

## STRUCTURE / ACTIVITY

- Students will participate in a class survey to share their favorite Thanksgiving foods. Each student will cast a "vote" for their top choice, and the class will record the results. Using the collected data, students will create a bar chart representing the different food preferences. Once the chart is complete, students will work together to interpret the results, discussing which foods are most and least popular and answering questions like "How many more students prefer turkey over mashed potatoes?"
- Video resources:
  - ["Creating Bar Graphs" by Icon Math](#)
  - ["Reading Data in Bar Graphs" by Icon Math](#)
  - ["Bar Graphs" by Lincoln Learning Mathematics](#)

## EXTENSION OPPORTUNITY

## CURRICULUM

- Common Core Math standards
  - CCSS.MATH.CONTENT.3.MD.B.3: Draw a scaled picture graph and a scaled bar graph to represent a data set with several categories. Solve one- and two-step "how many more" and "how many less" problems using information presented in scaled bar graphs.
  - CCSS.MATH.CONTENT.4.MD.B.4: Make a line plot to display a data set of measurements in fractions of a unit. Interpret data in bar graphs.
  - CCSS.MATH.CONTENT.5.G.A.2: Represent real-world and mathematical problems by graphing points in the first quadrant of the coordinate plane and interpret coordinate values of points in the context of the situation.
  - CCSS.MATH.PRACTICE.MP4: Model with mathematics.