

## Sample List of Ways to Use Graphs with a Social Studies Topic Apples - Providing Food

Skills are taught in relation to content of units. Statistics about apples can be presented graphically. Students can learn to work with picture, bar, line, and circle graphs. (Note: See the section about teaching graphs elsewhere in this book.)

### Ideas Related to Apples

- Numbers of apples grown.
- Percentages of types of apples on the market.
- Time needed for growth and production.
- Cost of various kinds at different times.
- Average weight of various types.
- Weight of different apples of the same type.
- Likes and dislikes among group members. (First, second, and third choices)
- Height of trees.
- Depth of root systems.
- Circumferences of apples.
- Numbers of type in a container (peck, bushel)
- Increase/decrease of production.
- Supply/demand of apples.
- Trends in apple growth and consumption.
- Cause and effect of growth of apples.
- Cause and effect of diseases.
- \* Apples in the past, present, or future.
- Proportion or percentage of nutrients in apples
- Quality of apples
- Sources and destinations of apples.
- Use of time in a day of an apple grower.
- Numbers of types of apple products available.
- Sources of resources, goods, and services related to apples.
- Location and frequency of growth.
- Statistics about places where apples are grown.
- Statistics about relationships within places where apples are grown.
- Statistics about movement of apples.
- Statistics about regions where apples are grown.
- Facts about changes of apples throughout history.
- Changes in laws related to apples.
- Length of routes on which Johnny Appleseed traveled.
- Length of routes for transporting apples.
- Movement of apples between regions and continents.
- Circle graphs to show portions eaten from a round pie.

### Summary

People convey much information through the use of graphs. Children need to be able to read, interpret, and construct them. Continuous use in many different situations helps children discern accuracy, bias, usefulness, and appropriateness.