

Science and Social Studies Quarter One

Standards & Resources

Social Studies Unit 1: Civics and Government

Standards:

- 2.C&G.1 Understand the purpose of governments
 - 2.C&G.1.1 Explain government services and their value to the community (libraries, schools, parks, etc.).
 - 2.C&G.1.2 Explain how governments establish order, provide security and create laws to manage conflict.
- 2.C&G.2 Understand the roles and responsibilities of citizens.
 - 2.C&G.2.1 Exemplify characteristics of good citizenship through historical figures and everyday citizens.
 - 2.C&G.2.2 Explain why it is important for citizens to participate in their community.

Unit Vocabulary:

- Citizen
- Responsible
- Honest
- Trustworthy
- Rights
- Citizenship
- Respectful
- Community citizen
- Responsibility
- Participating
- Volunteer
- Government
- Mayor
- Council
- Judges
- Laws
- Ordinance
- services

Videos and Resources:

- [Big Universe Books that Relate to our Social Studies Unit](#)
 - "Citizenship"
 - "Helpers in My Community"
 - "My Government: Local Government"
 - "My Government: State Government"

- "Our Government- The Three Branches"

Science Unit 1: Earth Systems, Structures, and Processes

Standards:

- 2.E.1 Understand patterns of weather and factors that affect weather.
 - 2.E.1.1 Summarize how energy from the sun serves as a source of light that warms the land, air, and water.
 - 2.E.1.2 Summarize weather conditions using qualitative and quantitative measures to describe:
 - Temperature
 - Wind direction
 - Wind speed
 - Precipitation
 - 2.E.1.3 Compare weather patterns that occur over time and relate observable patterns to time of day and time of year.
 - 2.E.1.4 Recognize the tools that scientists use for observing, recording, and predicting weather changes from day to day and during the seasons.

Unit Vocabulary:

- weather
- patterns of weather
- factors
- energy
- Sun
- reflected
- light
- Earth
- absorbed
- temperature
- wind direction
- cardinal direction (north, south, east, west)
- wind speed
- wind vane/sock
- precipitation
- rain guage
- change
- collecting data
- recording data
- predicting
- weather trends

Videos and Resources:

- Video: [Be a Weather Watcher](#)
- Video: [What Are Clouds Made Of](#)
- Video: [Where Does Water Come From](#)
- Video: [What Causes Thunder and Lightning](#)
- Video: [What is a Tornado](#)
- Video: [What is a Hurricane](#)
- Big Universe Books
 - [What is Weather?](#)
 - [Extreme Weather](#)
 - [Tracking the Weather](#)
 - [Climate and Weather](#)