



## **Grade 6 eLearning Guide – Week 3**

### **Math 6 & Math 6 PreAP: Data Analysis**

- Students will calculate measures of center (mean and median).
- Students will calculate range and interquartile range from a set of data.
- Students will create box plots.

**Math 6 and 6 preAP have this unit in common.**

**Link for Students taking high school math courses: [High School Math](#)**

### **Science: Domains and Kingdoms**

- Students will identify the basic characteristics of organisms and classify them in the kingdoms.
- Students will understand that there are three Domains of a broad grouping of organisms and there are six Kingdoms of more specific groups within the three Domains.

### **Language Arts: Heroic Acts**

- Students will read poems and nonfiction texts that share a common theme.
- Students will analyze poetry in regards to figurative language, theme, and message.
- Students will compare and contrast 2 texts on a similar theme.

### **Social Studies: Culture and Religion in South Asia**

- Students will compare and contrast cultural and ethnic characteristics of South Asia.
- Students will analyze primary and secondary sources to help answer the Essential Question: How do culture and religion unite South Asia?

# Grade 6 - MATH

## Objectives

- Students will calculate measures of center (mean and median).
- Students will calculate range and interquartile range from a set of data.
- Students will create box plots.

**Note: Tasks are not intended to be graded. This work is to support understanding of the subject area.**

## For Parents

- Your child will be learning about measures of center, range, interquartile range, and box plots.
- Have your child complete the tasks below.
- Have your child watch the videos to help them complete the tasks.

## For Students

### **Measures of Center**

- [Task 1](#): Watch the video on Finding Mean, Median, Mode, and Range
- [Task 2](#): Finding the Mean and Median ([Answer Key](#))
- [Task 3](#): Measures of Center ([Answer Key](#))

### **Box Plots**

- [Task 4](#): Watch the video "Intro Box Plots"
- [Task 5](#): Watch the video "How to calculate the Interquartile Range"
- [Task 6](#): Box Plots ([Answer Key](#))
- [Task 7](#): Box Plots – Practice and Problem Solving ([Answer Key](#))

## Additional Resources

### **Looking for more math?**

- If you can access your campus math adaptive software, please do!

# Grade 6 - SCIENCE

## Objectives

- Students will learn about the Domains and Kingdoms of Living Things and will use the basic characteristics of organisms to classify them.

**Note: Tasks are not intended to be graded. This work is to support understanding of the subject area.**

## For Parents

- Review student work. Revise work as needed - use answer keys as provided
- Complete this process for all lesson activities

## For Students

- Students learn about the [Categories of Classification](#) and complete a graphic organizer for [Domains & Kingdoms](#).
- Students extend their learning about Domains and Kingdoms. [Classifications of Organisms](#) - EXPLAIN.
- Students read [Domains and Kingdoms](#) and EXPLAIN their learning about the three Domains and six Kingdoms within the Domains.
- Students read [What's In A Name?](#) and answer the questions about classification.
- EVALUATE your ability to determine the characteristics of an organism in order to classify it within a Kingdom and Domain. [Taxonomy Of Organisms Challenge](#).
- Watch [Six Kingdoms](#) in Brainpop (UserName: springbranchisd\_12 / Password: sbisdbp) Challenge yourself in the "sortify" game and take the quiz to check your understanding.

## Resources

- [Biology4Kids](#) go to Scientific Studies and click on the links for Taxonomy, Labels, Kingdoms
- [Classification Of Living Organisms Picture Vocabulary](#)
- [Domains & Kingdoms Graphic Organizer - KEY](#)
- [Taxonomy of Organisms Challenge Key](#)

# Grade 6 - LANGUAGE ARTS

## Objectives

- Students will read poems and nonfiction texts that share a common theme.
- Students will analyze poetry in regards to figurative language, theme, and message.
- Students will compare and contrast 2 texts on a similar theme.

## Essential Question

- Why do people act heroically?

**Note: Tasks are not intended to be graded. This work is to support understanding of the subject area.**

## For Parents

- If you have access to a printer, print the texts below. If you do not have printer access, students can access the texts online.
- Have your student read each text and answer the questions. *If your student needs assistance with reading, see the note about CommonLit in the "Resources" section below.*
- For the more difficult questions and the comparative task, encourage your student to discuss and brainstorm their ideas.
- If students complete writing tasks, encourage them to read what they've written aloud and revise their work for clarity.
- Complete this process for all lessons.

## For Students

- **Task 1:** "The Story of Ida B. Wells"
- **Task 2:** "Sonnet"
- **Task 3:** Comparative Questions
- **Task 4:** "If We Must Die"
- **Task 5:** "How Jackie Robinson Changed Baseball"
- **Task 6:** Comparative Questions
- Extension Activities:
  - Read a book for 30 minutes.
  - **Log** to keep track of reading.

## Resources

- **CommonLit** is offering free **parent accounts**. Many of the reading assignments above come from CommonLit. If your student needs assistance with the readings, create an account, search for the article by title, and click the "Read Aloud" button.
- **Sora** is a free app with books and reading resources for students. Log in with SBISD credentials.
- **Noredink** is a free online writing platform. Students should start with the module for "Sentences, Phrases, and Clauses" and continue working through the modules.

# Grade 6 - Social Studies

## Objectives

- Students will compare and contrast cultural and ethnic characteristics of South Asia.
- Students will analyze primary and secondary sources to help answer the Essential Question: How does culture and religion unite South Asia?

## Essential Question

- How does culture and religion unite South Asia?

**Note: Tasks are not intended to be graded. This work is to support understanding of the subject area.**

## For Parents

- If you have access to a printer, print the texts below. If you do not have printer access, students can access the texts online.
- Have your student read each text and answer the questions/follow the directions for each task.
- For the more difficult questions and the comparative task, encourage your student to discuss and brainstorm their ideas.
- If students complete writing tasks, encourage them to read what they've written aloud and revise their work for clarity.
- Complete this process for all lessons.

## For Students

- [Task 1](#): Classical Invention - Building Context
- [Task 2](#): Image Analysis
- [Task 3](#): Tenzing Norgay (text)
- [Task 4](#): Analysis of Documents (texts, graphics)
- [Task 5](#): Planning and Drafting Your Response

## Resources

- [Encyclopedia Britannica](#)
- [History.com](#)
- [BBCTeach channel](#)
- [Beliefs in India: Hindu Art in South Asia](#) (video)