

SPRING BRANCH ISD

**DIGITAL
BACKPACK**

GRADE 7



Grade 7 eLearning Guide – Week 5

Math 7 and PreAP: Compare Data

- Students will compare dot plots and box plots.

Math 7 and 7 preAP have this unit in common.

Link for students taking upper grade courses: [8 preAP](#)

Beginning Week 5 all high school courses will be conducted through your math teacher.

Science: Catastrophic Events Impact Ecosystems

- Students will predict and describe how catastrophic events such as floods, hurricanes, or tornadoes impact ecosystems.

Language Arts: Traditions and Cultural Pride

- Students will read about how people of various ethnicities show pride in their cultures through the traditions they share with young people.

Social Studies: Geography of the United States

- Students will analyze and compare contemporary and historical regions of the United States with regards to:
 - Economics
 - Politics
 - Social Groups
 - Geography
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Grade 7 eLearning Guide - MATH 7 & MATH 7 PreAP

Objectives

- Students will compare dot plots and box plots.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

For Parents

- Your student will be comparing box and dot plots
- Have your student complete the tasks below.
- Revise work as needed.

For Students

Compare Box Plots and Dot Plots

- **Task 1:** Analyzing and Comparing Data ([Answer Key](#))
- **Task 2:** Comparing Dot Plots and Box Plots ([Answer Key](#))

Resources

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

Grade 7 eLearning Guide - SCIENCE

Objectives

- Students will predict and describe how catastrophic events such as floods, hurricanes, or tornadoes impact ecosystems.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

For Parents

- Parents ask students to tell you what they have learned about how Floods, Tornadoes, and Hurricanes do to affect the environments around us.
- Share the experiences you have had with each of these types of catastrophic events.
- Use [Catastrophic Events words](#) and listen to the [Catastrophic Events Rap](#) with your student.

For Students

- Students observe the [Ecosystem Events Cards](#) and follow the directions to complete [Ecosystem Events](#) ENGAGE
- Students EXPLORE Floods, Tornadoes, and Hurricanes by completing [Catastrophic Events that Impact Ecosystems](#)
- Students EXPLAIN their learning about the ways that ecosystems are affected by catastrophic events. Read [Catastrophic Events Impact Ecosystems](#). Complete [Making Predictions](#) using the information from your reading.
- Students sing along with [Catastrophic Events Rap](#) use [Catastrophic Events words](#) to help see how your learning has been turned into this rap song.
- Students study the before and after pictures of Hurricane Ike and describe the [Impact Of Hurricanes](#) on the Texas Coast. - Check your understanding

Resources

- ENGAGE - [Ecosystem Events - KEY](#)
- Check - [Impact Of Hurricanes - KEY](#)
- Additional video links: [Hurricanes](#)

Grade 7 eLearning Guide - LANGUAGE ARTS

Objectives

- Students will analyze how setting impacts a character's actions and motivations.
- Students will watch a video and compare those details to issues explored in a text.
- Students will read a nonfiction article to determine the central idea.
- Students will analyze how authors use diction and language to communicate their messages.

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

Essential Question

- How do we celebrate our cultures by passing down traditions?

For Parents

- If you have access to a printer, print the tasks 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](#): Pre Reading Questions
- [Task 2](#): "The Medicine Bag"
- [Task 3](#): Watch this video of Native Americans discussing and debunking stereotypes. In a well-constructed paragraph, answer the question, How do the stereotypes compare to the way Martin portrays his grandfather to his friends?
- [Task 4](#): "Legacies"
- [Task 5](#): "El Dia De Los Muertos Comes to Life Across the Mexican Diaspora"
- Extension Activities:
 - Read a book for 30 minutes.
 - [Log](#) to keep track of reading.

Resources

- [CommonLit](#) is offering free [parent accounts](#).
- [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 modules for "Sentences, Phrases, and Clauses."

Grade 7 eLearning Guide – SOCIAL STUDIES

Objectives

- Students will analyze and compare contemporary and historical regions of the United States with regards to:
 - Economics
 - Politics
 - Social Groups
 - Geography

Note: Beginning the week of April 14th, and in alignment with our Adjusted Grading Guidelines, teachers in grades 6-12 may assign student work from the Digital Backpack eLearning guide, or from the teacher's itsLearning course, for a grade.

Essential Question

- What are the important geographic characteristics of the United States?

For Parents

- If you have access to a printer, print the tasks below. If you do not have printer access, have your student read the texts/view the images on their device and then copy the questions by hand onto lined paper.
- Have your student read each text and answer the questions.
- For the more difficult questions, discuss and brainstorm ideas with your student prior to answering the questions.
- After students have completed the writing tasks, encourage them to read what they've written aloud to help them revise their work for clarity.

For Students

- [Task 1](#): Introduction to the Geography of the United States
- [Task 2](#): Climate Regions
- [Task 3](#): Cultural Regions
- [Task 4](#): Economic Regions
- [Task 5](#): Image Analysis with [Economic Regions of the United States Chart](#)

Resources

- [North American Climatic, Natural Vegetation, and Landform Regions](#) (video)
- [Climate in the United States](#) (video)
- [The Region's Economy](#) (video)