



Grade 6 eLearning Guide – Week 7

Math 6 & Math 6 PreAP: Area of Rectangles, Parallelograms, and Trapezoids

- Students will determine solutions for problems involving the area of rectangles, parallelograms, and trapezoids.

Link for students taking upper-grade courses: [7 preAP](#).

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

Science: Abiotic and Biotic Interactions in Ecosystems

- Students describe biotic and abiotic parts of an ecosystem in which organisms interact.
- Students explain how organisms within taxonomic groups share similar characteristics that allow them to interact with the living and nonliving parts of their ecosystem.

Language Arts: The Relationship Between Humans and Animals

- Students will read texts and watch a video from various genres with similar themes.
- Students will analyze how authors use purpose, details, and craft elements to communicate their messages.
- Students will reflect on their learning in writing by responding to questions.

Social Studies: Governments and Economies of East Asia

- Students will compare and contrast the governments and economic systems of East Asia.

Grade 6 - MATH

Objectives

- Students will determine solutions for problems involving the area of rectangles, parallelograms, and trapezoids.

Note: Beginning the week of April 14, 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 child will be solving area problems of quadrilaterals.
- Have your child complete the tasks below.
- Have your child watch the videos to help them complete the tasks.

For Students

Area of Quadrilaterals

- [Task 1](#): Area of a Parallelogram video
- [Task 2](#): Area of Trapezoid - How does the formula work? video
- [Task 3](#): Area of Quadrilaterals ([Answer Key](#))
- [Task 4](#): Area of Quadrilaterals Practice ([Answer Key](#))

Additional Resources

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

Grade 6 - SCIENCE

Objectives

- Students describe biotic and abiotic parts of an ecosystem in which organisms interact.
- Students explain how organisms within taxonomic groups share similar characteristics that allow them to interact with the living and nonliving parts of their ecosystem.

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For Parents

- Parents ask your students to explain the difference between the abiotic and biotic components of an ecosystem.
- Consider the living and nonliving components of the ecosystems around your home. Ask students to share how these components interact on a daily basis.

For Students

- Students sort items as [Examples / Nonexamples](#) ENGAGE
- Students EXPLORE the living and nonliving things within an ecosystem by completing [Nature Walk - Living Versus Nonliving](#).
- Students read [Biotic and Abiotic Factors](#) and EXPLAIN how organisms interact with the living and nonliving parts of their ecosystem.
- Students check their learning by completing the [Abiotic Biotic Components Check](#)
- Students EVALUATE their learning by completing the [Biotic and Abiotic Interactions Assessment](#). Submit your answers to your teacher.

Resources

- [Abiotic Biotic Check - KEY](#)

Grade 6 - LANGUAGE ARTS

Objectives

- Students will read texts and watch a video from various genres with similar themes.
- Students will analyze how authors use purpose, details, and craft elements to communicate their messages.
- Students will reflect on their learning in writing by responding to questions.

Essential Question

- How does human behavior affect the lives of animals?

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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:** "Meet the Coyote Next Door"
- **Task 2:** "Can Wildlife Adapt to Climate Change?"
 - Watch the video and complete the "Think" questions
- **Task 3:** "Animal Emotions Stare Us In the Face - Are Our Pets Happy?"
- **Task 4:** "What Do Zoos Do?"
- **Task 5:** "Animals' Role in Human Disease"
- 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 the governments and economic systems of East Asia.

Essential Question

- How do the varied governments and economic systems of East Asian countries impact the lives of their citizens?

Note: Beginning the week of April 14, 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

- Print the tasks below, or have your student copy the questions by hand.
- Have your student read the texts and take notes. The text may need to be read more than once for full understanding. Allow your student to use a dictionary or online resource (such as <https://www.britannica.com>) to look up words or concepts they may not know.
- After reading, have your student answer the multiple choice questions.
- For the open ended question, discuss ideas and brainstorm with your student prior to responding.
- Follow the same process for the next article.

For Students

- [Task 1](#): Factory Life (Text)
- [Task 2](#): Democracy in North Korea (Text)
- [Task 3](#): Made in East Asia (Text); [Comparison Chart](#); [Comparison Chart Key](#)
- [Task 4](#): Imperial Legacy; [Answer Key](#)
- [Task 5](#): Mind Mapping Your Learning

Resources

- To access the videos, login to your Discovery Ed account. (You can do this through Clever in itsLearning.)
 - [The Korean War](#) (Video)
 - [The Korean Rehabilitation Program](#) (Video)