

# Unit 1: Grade 1: Climate Change

Content Area: **Template**  
Course(s):  
Time Period: **Full Year**  
Length: **Full Year**  
Status: **Published**

## GOALS/PURPOSE

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### Purpose:

The purpose of this Crosswalk is to foster an interdisciplinary approach to climate change education that is evidence-based, action-oriented and inclusive.

### Goals:

1. Prepare students to understand how and why climate change happens.
2. Teach students the impact that climate change has on our local and global communities
3. Teach students how to act on climate change in informed and sustainable ways.

ELA.RI.CR.1.1	Ask and answer questions about key details in an informational text (e.g., who, what, where, when, why, how).
ELA.RL.IT.1.3	Describe characters, settings, and major event(s) in a story, using key details.
ELA.RI.IT.1.3	Describe relationships among pieces of information (e.g., sequence of events, steps in a process, cause-effect and compare-contrast relationships) within a text.
ELA.RI.PP.1.5	Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.
ELA.RL.MF.1.6	With prompting and support, use illustrations and details in a story to describe its characters, setting, or events.
ELA.RI.MF.1.6	With prompting and support, use text features (e.g., diagrams, tables, animations) to describe key ideas.
ELA.RI.AA.1.7	Identify the reasons an author gives to support points in a text and explain how that information is applied, with prompting as needed.
ELA.SL.PE.1.1.A	Follow agreed-upon norms for discussions (e.g., listening to others with care, speaking one at a time about the topics and texts under discussion).
ELA.SL.PE.1.1.B	Build on others' talk in conversations by responding to the comments of others through multiple exchanges.
ELA.SL.PE.1.1.C	Ask questions to clear up any confusion about the topics and texts under discussion.

## READ ALOUD TEXTS/EXCERPTS

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The Big Beach Clean Up

By Charlotte Offsay

[Click here](#) for a video read aloud!

Cora's sandcastle-building contest is canceled due to litter on the beach, but determined to save her favorite place she, along with a few friends, gets to work picking up single-use plastics that have washed onto shore.

No More Plastic

By Alma Fullerton

[Click here](#) for a video read aloud!

Simple text and colorful illustrations follow the efforts of a girl named Isley as she tries to get her family and community to adopt a plastic-free lifestyle. After she finds a dead whale washed up on shore and discovers it died due to ingesting plastic bags, Isley hopes to inspire the rest of her town to save the whales and the ocean.

If Polar Bears Disappeared

By Lily Williams

[Click here](#) for a video read aloud!

*This nonfiction picture book examines the Arctic ecosystem and its animals, and discusses how the habitat is melting, what would happen if the polar bears disappeared, and how the loss would affect other environments and animals around the world. It includes a glossary and ways readers can help save polar bears.*

What are the U.S. Regions?

By Maureen Robins

[Click here](#) to read the book on Epic! (Free educator account required)

*This book examines the different regions in the United States--from the Southeast to the Midwest and the West--and offers information on their regional peculiarities, such as the climate.*

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## **ARTICLES AND/OR VIDEO RESOURCES (FOR INSTRUCTIONAL PURPOSES)**

Videos on Epic!

- [Taking Care of Earth: Climate](#)
- [Taking Care of Earth: Climate Change](#)

[Kids National Geographic](#)

*Articles that help to explain climate change to students and how they can help to protect the earth.*

[Brainpop Jr](#)

*All Science and weather related videos can help students gain a better overall understanding of weather and how it can change our planet.*

[Peekaboo Kids Climate Change 101](#)

*Peekaboo Kids teaches about climate change and how to keep the environment safe.*

Crash Course Kids Videos

[Weather vs. Climate](#)

[Climate Change](#)

[Wonderopolis](#)

*Click to choose from a library of articles that help to explain climate change to students and how they can help to protect the earth.*

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## **WEBSITES (FOR STUDENTS TO INTERACT WITH)**

Epic Books: [Climate collections](#)

*Students can click on a collection of books to explore, or you can assign them!*

[Nature Cat](#) Games on PBS Kids

PBS Kids - Click [HERE](#) for more Nature Games students can select from and play to learn all about nature and how to care for our planet.

### **PROFESSIONAL RESOURCES FOR TEACHERS (LESSON PLANS, REPRODUCIBLES, ETC.)**

Lesson Plan: [Create an Upcycled Fish!](#) On PBS Kids

*With a little creativity, everyday trash can be reused as a new thing! Teach students about waste reduction with this simple fish craft.*

Click [HERE](#) for more suggested projects and activities from PBS Kids to keep kids engaged while learning about Earth!

[Mystery Doug](#) "What's the coldest temperature any animal can survive?"