

Unit 1: Grade K: Climate Change

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

GOALS/PURPOSE

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.RL.CI.K.2	With prompting and support, identify the central message and retell familiar literary texts, including key details (e.g., who, what, where, when, why, how).
ELA.RI.CI.K.2	With prompting and support, identify the main topic and key details of an informational text (e.g., who, what, where, when, why, how).
ELA.RI.TS.K.4	Recognize common types of informational texts (e.g., biographies, recipes, how-to manuals) and identify features of print (e.g., front cover, back cover, and title page of a book).
ELA.RL.MF.K.6	With prompting and support, describe the relationship between illustrations and the story in which they appear (e.g., what moment in a story an illustration depicts).
ELA.RI.MF.K.6	With prompting and support, describe the relationship between illustrations and the text in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).
ELA.SL.PE.K.1.A	Follow agreed-upon norms for discussions (e.g., listening to others with care and taking turns speaking about the topics and texts under discussion).
ELA.SL.PE.K.1.B	Continue a conversation through multiple exchanges.
ELA.SL.II.K.2	Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.
ELA.SL.ES.K.3	Ask and answer questions in order to seek help, get information, or clarify something that is not understood.

READ ALOUD TEXTS/EXCERPTS

A Dolphin's Wish: How YOU Can Help Make a Difference and Save Our Oceans

By Trevor McCurdie

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

The father of a young dolphin tells his child how humans have polluted the ocean with plastic and other trash. He tells the young dolphin about the dangers of plastic and how it hurts marine life. He shares how people can protect the ocean and help clean it up.

Greta Thunberg: Teen Climate Activist

By Rachel Rose

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

Meet the teenager whose school strike for climate change inspired a generation and led to the largest climate demonstration in human history. Greta Thunberg shows the power of young people--and she's just getting started.

A Garden to Save the Birds

By Wendy McClure

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

Young Callum & Emmy worry about birds flying into the window of their house. They learn about making bird-safe windows & a bird friendly yard, and eventually bring their neighbors together in making a wildlife habitat. A heartwarming story and gorgeous illustrations of people and wildlife alike. It concludes with tips and resources to try at home.

Mermaid and Me

By Soosh

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

A young girl who is bullied for her love of mermaids finally meets one on the beach and they become best friends. They figure out how to enjoy their favorite things together and have many adventures. But when a storm strikes and garbage in the ocean wraps itself around the mermaid, the girl courageously gets help from her friends. After, Mermaid must leave, but she promises to return.

Rocket Says Clean Up!

By Nathan Bryon

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

Rocket is off to the islands to visit her grandparents. Her family loves nothing better than to beach comb and surf together...but the beach is clogged with trash! When she finds a turtle tangled in a net, Rocket decides that something must be done! Like a mini Greta Thunberg, our young activist's enthusiasm brings everyone together...to clean up the beach and prevent plastics from spoiling nature.

ARTICLES AND/OR VIDEO RESOURCES (FOR INSTRUCTIONAL PURPOSES)

[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.

WEBSITES (FOR STUDENTS TO INTERACT WITH)

[Nature Art Box](#) on PBS Kids

Use the tools in this nature inspired virtual art box to create colorful pictures and patterns. Your child can add stickers of Nature Cat and his friends to complete the picture.

[Nature Walk](#) on PBS Kids

Go on a nature walk with Daniel Tiger to observe and collect items in nature.

[Go Green](#) on PBS Kids

Help Grover protect the Earth by using Oscar's trash blaster and making responsible choices!

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: "[Make Window Decals to Help Migrating Birds](#)" on PBS Kids

Lesson Plan: "[Explore the Sea with a Paper Plate Aquarium](#)" on PBS Kids

[Mystery Doug](#) "Why do animals come back after going to warm places in winter?"

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