

Unit 1: Grade 3: 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.CR.3.1	Ask and answer questions and make relevant connections to demonstrate understanding of a literary text, referring explicitly to textual evidence as the basis for the answers.
ELA.RI.CR.3.1	Ask and answer questions and make relevant connections to demonstrate understanding of an informational text, referring explicitly to textual evidence as the basis for the answers.
ELA.RL.CI.3.2	Recount in oral and written form key details from a text and explain how they support the theme (in literary texts, e.g., fables, folktales, and myths from diverse cultures).
ELA.RI.CI.3.2	Recount in oral and written form the key details from a multi-paragraph informational text and explain how they support the main idea.
ELA.RL.IT.3.3	Describe the development of individual character's traits, motivations, or feelings and explain how their actions contribute to the plot within a text.
ELA.RL.TS.3.4	Utilize and reference features of a text when writing or speaking about a text, referring to parts of stories, dramas, and poems, using terms such as chapter, scene, and stanza; describe how each successive part builds on earlier sections.
ELA.RI.TS.3.4	Utilize and reference features of a text when writing or speaking about a text, using text features (e.g., graphics, images, captions, headings) and search tools (e.g., key words, sidebars, hyperlinks) to locate and integrate information relevant to a given topic efficiently.
ELA.RL.MF.3.6	Explain how specific aspects of a text's illustrations contribute to what is conveyed by the words in a story (e.g., create mood, emphasize aspects of a character or setting).
ELA.RI.MF.3.6	Use information gained from text features (e.g., illustrations, maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).
ELA.W.AW.3.1.A	Introduce an opinion clearly.

READ ALOUD TEXTS/EXCERPTS

[HERE COMES THE GARBAGE BARGE](#)

[By Winter, Jonah](#)

In the spring of 1987, the town of Islip, New York, with no place for its 3,168 tons of garbage, loads it on a barge and decides to send it south to find someone that will dispose of it. So begins the garbage barge's 162-day journey along the East Coast, around the Gulf of Mexico, and down to Belize, where it looks in vain for a new home. Eventually, the barge has no choice but to travel north again, back to New York, where not even Islip will accept the now very ripe garbage. The story finally comes to a close when a judge orders Brooklyn to incinerate the trash and Islip to accept the remains. Offering a fictionalized account of real events, the book will get readers thinking about their own garbage-producing behaviors. "This title should be a part of every elementary school ecology unit"

[Watch Here Comes The Garbage Barge on Storyline Online](#)

THE BOY WHO GREW A FOREST: THE TRUE STORY OF JADAV PAYENG

by [GHOLZ, SOPHIA](#)

As a boy, Jadav Payeng was distressed by the destruction deforestation and erosion were causing on his island home in India's Brahmaputra River. So he began planting trees. What began as a small thicket of bamboo, grew over the years into 1,300 acre forest filled with native plants and animals. The Boy Who Grew a Forest tells the inspiring true story of Payeng--and reminds us all of the difference a single person with a big idea can make.

[Watch The Boy Who Grew A Forest by Gholz on YouTube/Vooks](#)

THE WATER PRINCESS

By [Verde, Susan](#)

A young girl called Princess Gie Gie lives with her family in a small village in Burkina Faso, where girls and their mothers must walk for miles each day to bring water back to their homes to be boiled for drinking and washing. For now, Princess Gie Gie wears a clay pot as her crown rather than a bejeweled tiara, but she dreams that someday her village will have clean water of its own. Inspired by author Badiel's childhood in Africa, this hopeful story puts a spotlight on the lack of sanitary water sources in regions around the world. "This timely and well-crafted story will educate readers on the preciousness of potable water"

[Watch The Water Princess on YouTube](#)

THIS CLASS CAN SAVE THE PLANET

By [Stacy Tornio](#)

This Class Can Save the Planet shows students they can have an incredible impact on the environment when they work together. It offers easy ideas kids can implement right away in their own schools and classrooms.

[Watch This Class Can Save The Planet on YouTube](#)

REDUCING GLOBAL WARMING

by [MACK, MOLLY](#)

The planet is getting warmer, and it's affecting everything from the climate to sea levels. It's also affecting Earth's inhabitants—plants, animals, and people alike. In this information-rich title, readers learn about the phenomenon of global warming and how rising temperatures impact the future of our planet. Age-appropriate text, fact boxes, and detailed photographs make this complex topic accessible for elementary science students. By the end of the text, readers will be inspired to take action to reduce global warming.

[Read Reducing Global Warming by Mach on Epic](#)

ARTICLES AND/OR VIDEO RESOURCES (FOR INSTRUCTIONAL PURPOSES)

Articles

[What is Antarctica? Common Lit](#)

[The Delight Song of Tsoai-talee \(Poem\)- Common Lit](#)

[What is Climate Change? Wonderopolis Article, Quiz, and Video](#)

[Where Is The Coldest Place On Earth? Wonderopolis Article, Video, and Quiz](#)

Kids Guide To Climate Change- 2 Pager (Attached)

Video Clips

[2 Antarctica Video Clips- Related Media From Common Lit](#)

[Climate Change: Crash Course Kids #41.2](#)

[Living Things Change: Crash Course Kids #41.1](#)

[Climate Change 101 | Keep The Environment Safe | The Dr Binocs Show | Peekaboo Kidz](#)

[Global Warming - The End Game | The Dr. Binocs Show | Best Learning Videos For Kids | Peekaboo Kidz](#)

[Can We Stop Climate Change? | Global Warming | The Dr Binocs Show | Peekaboo Kidz](#)

[kids-guide-to-climate-change.pdf](#)

WEBSITES (FOR STUDENTS TO INTERACT WITH)

Activities

[Make A Plastic Straw Activity- Nat Geo](#)

[Climate Change Bingo- printable](#)

Interactive Websites

[NASA Climate Kids](#)

[Climate Change Games- NASA's Climate Kids](#)

[Recycle Round Up Game- Nat Geo Kids](#)

Epic Books with Quiz

[Who Turned Up The Heat? Eco-Pig - Epic Book and Quiz](#)

[Clean and Green Energy- Epic Book and Quiz](#)

[Greta Thunburg by Rachel Rose- Epic Book and Quiz](#)

Epic Collection

[Epic Collection of Books and Videos About Climate Change](#)

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

This section is for teachers/staff only. Please include links to organizations (approved list again) and/or lesson plan resources that you feel would be helpful in assisting a teacher plan for the implementation of this crosswalk. These resources should be free. Please DO NOT include and Teacher Pay Teacher resources here.

Attached Printable PDFs

Climate Basics

[Geography and Climate Change Lesson/Project](#) (From NJDOE Climate Change Resources)

Websites

[NJ Climate Change Education Resources](#)

[NASA Global Climate Change Vital Signs of The Planet](#)

[EPA's Climate Change Website For Educators](#)

[NASA's STEM Lessons For Educators](#)

[Climate.gov Teaching Climate Videos, Lessons, Resources \(From NJDOE Climate Change Resources\)](#)

[Climate Change Evidence and Causes \(From NJDOE Climate Change Resources\)](#)

Student Activism/Challenge Opportunities

[Ecochallenge \(From NJDOE Climate Change Resources\)](#)

[STEAM Tank Challenge \(From NJDOE Climate Change Resources\)](#)

[Eco Ambassador Program](#)

[Climate Basics 8pager 508 v4.pdf](#)