



## #4 Climate and Action HWE0 (23-24)

**Duration:** 6 Weeks

**Unit dates:** 23rd Aug 2023 - 4th Oct 2023

**Subjects:** Library Media, Social Studies, Science, English, Music

**Grades:** 3

### Planning



#### Transdisciplinary theme

How we express ourselves

Transdisciplinary theme focus



#### Central idea

The role truth and creativity may play in evoking activism as a form of expression.



#### Learner profile attributes

Principled, Communicators



#### Key concepts

Responsibility, Causation, Perspective



#### Related concepts

Concepts

- **Responsibility:** information
- **Causation:** activism
- **Perspective:** creativity



#### Lines of inquiry

- The role true and false information can play in activism (information, responsibility)
- The ways activists communicate their message (creativity, perspective)

- 
- Events that have caused significant acts of activism (activism, causation)
- 



## Approaches to learning

### Communication Skills

#### Communication Skills

##### Communication Skills (General)

#### Teaching the ATL skills

**Students read critically/use a variety of strategies to communicate a message effectively.**

**SEL Journeys - Socialawareness**

---



## Subject standards

### Social Studies

#### Economics

##### Economic Decision-Making

- ECO 3.1 - Compare the benefits and costs of individual choices. (*ECO 3.1*)

#### History

##### Causation and Argumentation

- HIST 3.11 - Explain probable causes and effects of events and developments. (*HIST 3.11*)

#### Geography

##### Human Population: Spatial Patterns and Movement

- GEO 3.9 - Analyze the effects of catastrophic environmental and technological events on human settlements and migration (*GEO 3.9*)

##### Geographic Representations and Spacial Views of the World

- GEO 3.2 - Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions and their environmental characteristics. (*GEO 3.2*)

### Science

#### Biological Evolution: Unity and Diversity

##### Engaging in Argument from Evidence

- 3-LS4-4 Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

#### Earth's Systems

##### Analyzing and Interpreting Data

- 3-ESS2-1 Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.

##### Obtaining, Evaluating, and Communicating Information

- 3-ESS2-2 Obtain and combine information to describe climates in different regions of the world.

### English

## Reading: Literature

### Integration of Knowledge and Ideas

- CCSS.ELA-LITERACY.RL.3.7 - 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) *(CCSS.ELA-LITERACY.RL.3.7)*

### Craft and Structure

- CCSS.ELA-LITERACY.RL.3.5 - Refer to parts of stories, dramas, and poems when writing or speaking about a text, using terms such as chapter, scene, and stanza; describe how each successive part builds on earlier sections. *(CCSS.ELA-LITERACY.RL.3.5)*
- CCSS.ELA-LITERACY.RL.3.4 - Determine the meaning of words and phrases as they are used in a text, distinguishing literal from nonliteral language. *(CCSS.ELA-LITERACY.RL.3.4)*

## Reading: Informational Text

### Craft and Structure

- CCSS.ELA-LITERACY.RI.3.6 - Distinguish their own point of view from that of the author of a text. *(CCSS.ELA-LITERACY.RI.3.6)*

## Writing

### Production and Distribution of Writing

- CCSS.ELA-LITERACY.W.3.5 - With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing. (Editing for conventions should demonstrate command of Language standards 1-3 up to and including grade 3 here.) *(CCSS.ELA-LITERACY.W.3.5)*

### Text Types and Purposes

- CCSS.ELA-LITERACY.W.3.1 - Write opinion pieces on topics or texts, supporting a point of view with reasons. *(CCSS.ELA-LITERACY.W.3.1)*
- CCSS.ELA-LITERACY.W.3.1.A - Introduce the topic or text they are writing about, state an opinion, and create an organizational structure that lists reasons. *(CCSS.ELA-LITERACY.W.3.1.A)*
- CCSS.ELA-LITERACY.W.3.1.B - Provide reasons that support the opinion. *(CCSS.ELA-LITERACY.W.3.1.B)*
- CCSS.ELA-LITERACY.W.3.1.C - Use linking words and phrases (e.g., because, therefore, since, for example) to connect opinion and reasons. *(CCSS.ELA-LITERACY.W.3.1.C)*
- CCSS.ELA-LITERACY.W.3.1.D - Provide a concluding statement or section. *(CCSS.ELA-LITERACY.W.3.1.D)*

## Implementing

### Learning experience library



#### Immerse-Brain Pop Video Climate Change

Amy Rios



#### Immerse Chapter 7

Amy Rios

Chapter 7: Greta refuses speaking opportunities at Panama, New York, San Francisco, and Canada, as she has to travel by plane. She attends the World Economic Forum at Davos, Switzerland after travelling for more than thirty hours by train across Sweden, Denmark, Germany, and then to Switzerland.

At the Forum she said, "Adults keep saying that they must give young people hope. I don't want hope; I want you to panic, to take action. I want you to believe as if you were in the middle of a crisis, because

that's what it is. Our house is on fire: our house, planet earth, is going up in flames. And the adults, the powerful, must act responsibly and act for the future of young people.



### **Immerse-Pebble Go Global Climate Strike**

Amy Rios

Read

Who is Greta?



### **Create - Young People Marching**

Amy Rios

Students create a way to communicate their idea of a change that they and others can make to have an impact on the health of the planet.

Ideas could be posters, a speech, a flyer/pamphlet, photos and captions (instagram).



### **Immerse - Mr. Hugh 4 visits**

Amy Rios

Pre-assessment to be administered before Hugh arrives

Lesson 1 –

Self-evaluation Survey – 5 fingers

Guided Visualization – Do you care about the planet?

4 Facts – present and review

What is sustainability? What is it not? (Numbered Heads together – examples to sort out the questions)

A song: The 6 Rs

Lesson 2 –

Review – 6 Rs

More Climate Science Vocabulary – pronunciation and meaning

Do I already live sustainably? In what ways?

What small changes could I make? (Brainstorming in small groups and Selecting in large group)

Lesson 3 –

Review

What are some big moves that kids can make?

Math Challenge – Small Things Add Up

HW Research assignment – Who are some Eco-Warriors? What big moves have they made?

Lesson 4 –

Review – Sharing on Eco-Warriors

Art Activity - Make a Poster showing yourself practicing one of the 6 Rs, Give it a title in big letters, display it prominently somewhere in school

Feedback: self-evaluation survey

Post Assessment to be administered after Hugh leaves



### Immerse ellen degeneres greta thunberg video

Amy Rios



### Gather: Newsela Articles

Amy Rios

[Students blame governments for inaction on climate change](#)  
[Kids Fight climate change before it's too late, say youth around the world](#)  
[Young people in 150 countries skip school to urge climate action](#)



### Immerse-Chapter 8

Amy Rios

Chapter 8: At Brussels, Greta says, "I would like to remind people who say that we are wasting precious time by not going to school, that our politicians have wasted decades in denying there was a problem and doing nothing to fix it." Greta was inspired by Rosa Parks.



### Explore or Gather - Pebble Go Next Climate Types

Amy Rios

A review of climate types.  
Discuss climate vs. weather



### Immerse-Chapter 9

Amy Rios

Chapter 9: Greta was nominated for the 2019 Nobel Peace Prize.  
Other chapters in the book are, Explaining global warming to children; What can we do which lists 11 points to prevent global warming; a glossary of important words in the book; Timeline which lists the important dates in the history of human pollution and global warming; Links for further reading.  
There is much more interesting information about Greta in the book. The book has 130 pages and was published in the year 2019. This book should be there in the libraries of all schools worldwide. It gives children hope that "You are never too small to make a difference." Happy Reading!  
The author Valentina Camerini worked for Walt Disney comics, before committing herself to write novels and children's books. Greta Thunberg is TIME's Person of the Year of 2019.



### Grade 3: EPIC Book List - Activism, Climate Change, Recycling

Amy Rios



### Explore or Gather - Pebble Go Climate Crisis

Amy Rios

Links for Pebble Go and Pebble Go Next  
"global climate crisis"



### Immerse - Chapter 5

Amy Rios

traveling around Europe and giving speeches.  
Not giving in.  
She communicates better to large groups of people about things she is passionate about.

Chapter 5: Greta speaks all over Europe about climate and gives a TED talk.



### Immerse - Chapter 3 and 4

Amy Rios

Difference between weather and climate.

How do we measure time? (year, decade, century)

What difference can 1 degree make? (pg 40-41)

Another example of school strike in the US. (against gun violence in schools)

Chap 4

Using information to support a claim.

Selecting information to make things not seem so bad.

Chapter 3: The Climate Change conference at Paris, France in 2015 was attended by politicians from 195 countries. Climate changes happen due to greenhouse gases such as carbon-di-oxide.

Chapter 4: Greta speaks at the People's Climate March which happened all around the world on the same day. Greta then went back to school. Global warming had to be reduced and the increase in temperature kept below 2 degree Celsius, with the aim of not going over 1.5 degree Celsius. The politicians had signed the Paris Agreement, so why not commit to taking action on it immediately.



### Immerse - Chapter 2

Amy Rios

Who was Greta? Early Life and struggles.

What was Greta's school experience?

Starting when she was 8.

Asperger's diagnosis.

How did Greta communicate?

Connect to book: Environment Infographics

Chapter 2: When very young, at school, Greta saw a documentary about plastic pollution in the oceans. She cried all along as she watched the film. At the age of 11, the doctors diagnosed her with Asperger's syndrome. People who have Asperger's syndrome think obsessively about any topic that interests them. Greta was thinking obsessively about the climate crisis. Greta once wrote a well-researched article about climate change for a newspaper competition. She got the first prize and many activists wanted to connect with her and were curious about the school girl who knew so much about the environment.

At the age of 11, Greta stopped talking, reading, and even eating. She stopped going to school. At the same time, her sister Beata also showed signs of depression. Greta convinced her parents Malena and Svante that their unsustainable lifestyle was the source of climate problems. Greta convinced Malena, who was an international singer and dancer, to stop going by aeroplane to concerts around the world. Mr. Thunberg became a vegetarian. They grew vegetables, bought an electric car, and installed solar panels. Greta won her first battle at home. Greta herself rode her bike or took a train.



### Immerse - Chapter 6

Amy Rios

COP24

Who is she speaking to? What is her message?

Chapter 6: In December 2018, Greta speaks at COP 24 conference organized by United Nations at Poland. Representatives from around the world come to this conference to speak about climate change. During the second week of the conference, she recorded a video that spoke about how politicians were not coming up with any concrete solutions. Time Magazine names Greta as one of the most influential teens of 2018.



### Immerse - Chapter 1

Amy Rios

What are the different modes of communication that Greta used to share her ideas?

Look at Greta's Instagram.

Chapter 1: On a Friday of August, 2018, 15-year-old Greta skipped school and sat in protest outside the parliament of Sweden in Stockholm. She held a sign that read, "School Strike for the Climate." In a few days, many people who were both young and old joined the strike. Some even brought toddlers along. Daily, Greta was sharing posts about the strike in Instagram and she encouraged others to write in Social Media about the strike. The Guardian published an online article about the skolstrejk for klimatet. The headline read, "The Swedish 15-year-old who's cutting class to fight the climate crisis." Many people from around the world joined her in the strike. A photograph of a bicycle arrived from Rome. Resting against the bike's pedals was a sign that read: "Thanks Greta! We're on your side too." Greta was planning to strike till the 7th of September, which was Election Day in Sweden.



### Explore-American Museum of Natural History - climate change

Amy Rios



### Identify

Amy Rios

What could you do?

What change could you make that may make a difference in the world?

How could you get others to join you in completing that action?

What might you have to sacrifice to put action behind your words?

How can you express your concern?

See link.

Or use 11 ideas on pages 103-107 of Greta's Story



### Open - Greta Video HWEO

Amy Rios

What are the different ways that people are communicating (expressing themselves) in the video? (signs, cheering, speech, sign language)












Who is her audience?













What is Greta's message?

What learner profile attributes is she displaying?



### Resources

-  [G3 HWEO Puentes Book Collection on Epic](#)
-  [HWEO Book Collection on Epic](#)
-  [I was honored to meet the amazing Greta Thunberg.](#)
-  [Greta Thunberg on Whether She'd Meet with the President](#)
-  [Young People Marching - Raffi](#)
-  [Infographics Book](#)
-  [The disarming case to act right now on climate change](#)
-  [Infographics Book](#)
-  [PebbleGo](#)
-  [PebbleGo](#)
-  [PebbleGo](#)

-  [Greta Thunberg: A Force for Nature | Making Herstory](#)
-  [Greta Thunberg: Our House Is On Fire | Forum Insight](#)
-  [COP24 Speech | Greta Thunberg](#)
-  [First Chapter Friday: Greta's Story](#)
-  [Climate Change - BrainPOP](#)
-  [PebbleGo](#)
-  [Be an Energy Saver](#)
-  [American Museum of Natural History- Climate Change](#)
-  [The disarming case to act right now on climate change](#)
-  [Login • Instagram](#)
-  [Login • Instagram](#)
-  [PebbleGo](#)