Climate Change Unit

Content Area: **Social Studies**
Course(s):
Time Period: **March**
Length: **3 Weeks**
Status: **Published**

Unit Overview

Students will learn about climate change and how it is affecting our planet.

Enduring Understandings

Climate change causes:

Extremes in weather

Long term changes in and to the planet

Affects populations and habitats of many multitudes of species.

Enduring Understandings: Students will be able to:

- Explain what is causing climate change
- Define climate change adaptation and climate change mitigation (exposure)
- Identify examples of climate change adaptation and mitigation ideas (exposure)
- Explain what students (we) can do on a daily basis to help minimize change

Essential Questions

What is climate change and why is it important to us?

Instructional Strategies & Learning Activities

March extension activity parent/child project

Integration of Career Readiness, Life Literacies and Key Skills

P.1	Act as a responsible and contributing community members and employee.
P.3	Consider the environmental, social and economic impacts of decisions.
P.5	Utilize critical thinking to make sense of problems and persevere in solving them.
9.4.2.CT.1	Gather information about an issue, such as climate change, and collaboratively brainstorm ways to solve the problem (e.g., K-2-ETS1-1, 6.3.2.GeoGI.2).
9.4.2.CT.2	Identify possible approaches and resources to execute a plan (e.g., 1.2.2.CR1b, 8.2.2.ED.3).
9.4.2.CT.3	Use a variety of types of thinking to solve problems (e.g., inductive, deductive).
P.9	Work productively in teams while using cultural/global competence.

Interdisciplinary Connections

LA.RI.1.1	Ask and answer questions about key details in a text.
LA.RI.1.3	Describe the connection between two individuals, events, ideas, or pieces of information in a text.
LA.RI.1.4	Ask and answer questions to help determine or clarify the meaning of words and phrases in a text.
LA.RI.1.5	Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.
LA.RI.1.7	Use the illustrations and details in a text to describe its key ideas.
LA.W.1.1	Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply a reason for the opinion, and provide some sense of closure.
LA.W.1.8	With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.
LA.SL.1.2	Ask and answer questions about key details in a text read aloud or information presented orally or through other media.
LA.SL.1.3	Ask and answer questions about what a speaker says in order to gather additional information or clarify something that is not understood.
1-ESS1-2.1.1	Patterns in the natural world can be observed, used to describe phenomena, and used as evidence.
1-ESS1-2.3	Planning and Carrying Out Investigations

Differentiation

Provide short, single step directions and one-to-one assistance when needed.

Have student repeat directions.

Modifications & Accommodations

Provide appropriate modifications and accommodations based on IEP and 504 plans

Formative Assessments

Discussions and activity pages

Summative Assessments

Discussions and activity pages

Instructional Materials

books, worksheets, and videos

Mystery Science website

Standards

6.1.2.CivicsPI.4	Explain how all people, not just official leaders, play important roles in a community.
6.1.2.GeoPP.1	Explain the different physical and human characteristics that might make a location a good place to live (e.g., landforms, climate and weather, resource availability).
6.3.2.CivicsPD.1	With adult guidance and support, bring awareness of a local issue to school and/or community members and make recommendations for change.
6.3.2.GeoGI.1	Investigate a global issue such as climate change, its significance, and share information about how it impacts different regions around the world.

6.3.2.GeoGI.2	Collect data and consider sources from multiple perspectives to become informed about an environmental issue and identify possible solutions.