

# THE NEXT 100 YEARS... PROJECT

Mr. Curtis & Ms. Think 6th Grade | Team C.I.K. | Team Rainbow Mustaches

## Essential Questions

-How do oceanic and atmospheric systems and human activity contribute to global climate change?

-What are the current and potential future impacts on weather, climate, ecosystems and resources?

-How can we educate the public?

## Final Product

Students will create the following final products:

- 1). A classroom comic book narrating the life of Earth's journey through various aspects of Climate Change.
- 2). Published article in a scientific journal.
- 3). Informative art piece
- 4). Design and Build a Rain Catchment System to be donated to local farms and/or agencies



## Project Overview

As our first major project of the year, our students will be working as change agents. Our Earth's climate follows a pattern of natural ups and downs, in which there is a natural warming and cooling of the earth. Unfortunately, human impact has now sped up the warming process and is causing various affects to our ecosystems and daily life. In this project, students will be investigating the cause of climate change and bring about awareness and solutions. They will be bring about awareness through the creation of a detailed comic book, a published article in a science journal and an informative art piece. Students will go through the Engineering Design Process to create a rain





## Humanities and NGSS Standards

Humanities Standards:

CCSS.ELA-LITERACY.W.6.7

Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.

CCSS.ELA-LITERACY.W.6.8

Gather relevant information from multiple print and digital sources; assess the credibility of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and providing basic bibliographic information for sources.

CCSS.ELA-LITERACY.W.6.9

Draw evidence from literary or informational texts to support analysis, reflection, and research.

NGSS Standards:

Weather and Climate (MS-ESS2-5, 2-6 & 3-5) Human Impact (MS-ESS3-3, MS-ESS3-4) Cell structure and viruses/bacteria (MS-LS1-1)

Earth System's (air flow, high pressure/low pressure systems) (MS-ESS2-5)

catchment system that will be donated to local farms or community agencies. This is a project in collaboration with HTMCV, so students will be working through a pen pal system with 6th and 7th graders from Chula Vista. Through this project, students will come out enlightened and aware of how they can make a difference for the next 100 years!

### *Timeline*

Week #	Focus
Oct. 13 -16	What will the next 100 Years look like? What do you know about Climate Change? How can we help?
Oct. 19 - 23	Discover project partners Experiments - discovering how weather and climate work <b>SLCs</b>
Oct. 27 - Dec. 11	Students will begin researching their chosen topic on climate change, building a solution, writing and publishing articles and Climate Change Comicbook. This will be an ongoing process until the final products.
Dec. 16th	<b>Exhibition</b>

### Exhibition

Exhibition will be in collaboration with HTMCV!  
Location is still be determined for off-campus exhibit.  
Students will exhibit for all-school Winter Exhibition at HTMNC on Dec. 16th!