



Course: CP/CPA Environmental Earth Science

We hope that you, your families and loved ones are well! During the COVID-19 pandemic school closure, we will be doing our best to provide you engaging activities that will enrich your understanding of the Earth and its environment. During term 4, you will primarily be exploring how humans impact the world around us.

Goal for this week
<p>Learning Objectives: Students will be able to ...</p> <ol style="list-style-type: none"> 1. understand the distribution of water in all its phases on Earth. 2. identify and explain the steps of the hydrologic cycle. 3. explain how a hurricane forms and identify the pertinent processes within the water cycle. <p style="text-align: right;">(2016 MA STE Standard: HS-ESS3-1)</p>
<p>Literacy Objectives:</p> <ol style="list-style-type: none"> 1. Reading: to understand a concept and construct meaning 2. Writing: to generate a response to what one has read, viewed, or heard 3. Reasoning: to identify a pattern, explain a pattern, and/or make a prediction based on a pattern <p style="text-align: right;">https://www.bpsma.org/schools/brockton-high-school/about-us/mission-literacy-charts</p>

<p>Lesson:</p> <ul style="list-style-type: none"> • <i>Your science teacher will be in contact to clarify expectations (like when and how to submit your work for credit) for your class.</i> • Complete instructions for what to do this week are in the Environmental Earth Science weekly “Student Answer Sheet” • Below you will find a summary description of what to do each day and the resources you will need. • Click on the links to view the resources.

WHY THIS MATTERS

Earth’s water is key to the [short- and long-term survival of humans](#) and other life on earth. In addition, it is part of the global climate engine moving the sun’s energy and creating climate and weather throughout the earth. Because of this, the Earth’s water cycle contributes to natural disasters such as hurricanes. [Hydrologists](#) monitor this important resource. Like being outdoors? Maybe this is the career for you!

Topic: Hydrologic Cycle -Earth’s Water

Day	What to do ...
Monday	<p>Open your student answer sheet and place all your student work in this sheet.</p> <p>CK-12 Flexbook Go to CK-12.ORG and login or create a free student account if needed. Join class with code: srq7i The readings & video clips are listed in the CK12.ORG class as assignments with the due date.</p> <p>Read and view videos in the readings for Distribution of Water and Hydrologic Cycle</p>
Tuesday	Read the article and do the vocabulary activities on the Hydrological Cycle

WEEKLY REMOTE LESSONS

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Wednesday	Watch the video linked in your student answer sheet and answer the prompt
Thursday	Finish anything incomplete. Review and read through all your work for spelling and completeness in your student answer sheet.
Friday	Write an open response responding to the prompt in the student answer sheet about Earth's Water

Additional Support

Email:

- Please reach out to your science teacher with specific questions about the lesson.

Office Hours:

- Here is a list of the [science teachers' office hours](#). Please email your teacher to set up meeting times.

Other questions:

- Science Department Head
Dr. David Mangus
davidmangus@bpsma.org

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