

CREATING VIRTUAL SCIENCE FIELD TRIPS

Experiencing the EHC Online in 2020-21: Biology

The subject of the virtual field trip for Biology this year was Forest Health. Students learned how the health of the watershed is impacted by the health of its forests, what sustainable forests means, and the careers focus on forests.

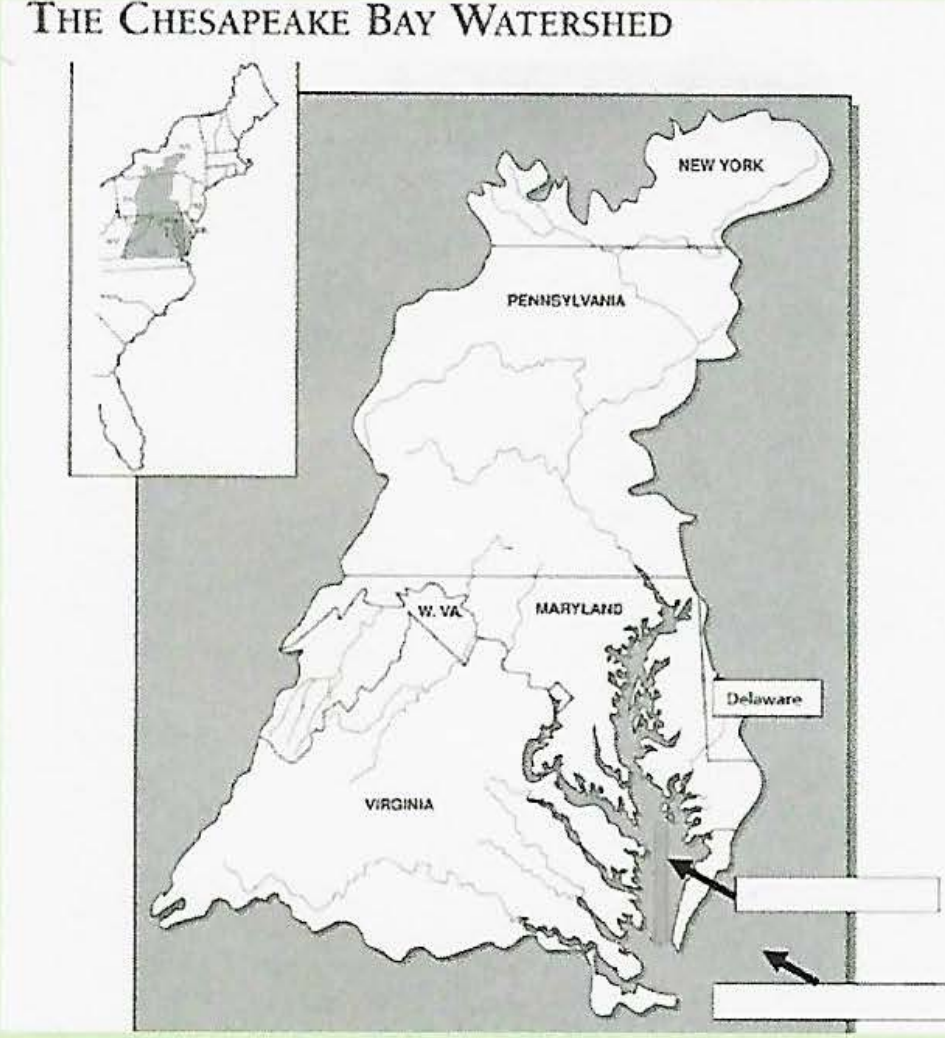
Watershed Health

- Watch this video
<https://www.youtube.com/watch?v=JuNBP3UYykg>

Then,

- Complete the following with Kami where you will learn about the watershed you live in.

<https://drive.google.com/file/d/1JL1wsooSdwGCS2lm1T9QVVf10BaF7ew/view?usp=sharing>



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Forest Health

- Watch this video
<https://www.chesapeakebay.net/issues/forests>



- Then read the following Forest Health results and answer the questions

https://drive.google.com/file/d/1mXk6af2rAVqijcJVbJrKmG_Alyk5w9Pu/view?usp=sharing



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Watershed Health(cont.)

- Watch this video:
<https://www.cbf.org/news-media/multimedia/video/state-of-the-bay-message.html>
- Then, Interpret the State of the Bay Report for 2020 with this link. (open with Kami)

<https://drive.google.com/file/d/1TXDjNLh1350ukOkHK3bSbxcXzEBcrQ4P/view?usp=sharing>



2020 STATE OF THE BAY REPORT
OVERALL SCORE: 32 D+
FINISHING THE JOB



2020 POLLUTION INDICATOR SCORES

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Forest Sustainability starts with Green Jobs and Goals

Focus Question: What does forest sustainability means to you.

Tasks:

- Watch the video clips, and decide what word you would use to describe forest sustainability
- Look at the graph on the slide titled Benefits of Green Jobs, which one of the job areas interest you the most (if you had to choose one)
- Look over the Green Job titles and descriptions, then follow the link to group the jobs into categories.

Question:

- Has your word for Forest Sustainability changed, why or why not?

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What do you think forest sustainability means?




Watch the following video:
<https://intotheoutdoors.org/topics/sustainable-forestry/#video>

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Why Focus on Forests?

Who Works in This Forest?

Learning Objectives:

- Explore a variety of forest careers.
- Identify the training requirements & supporting skills for specific forest sector jobs.

We all depend on trees and forests!
People in many different jobs work to sustain our forests.
Virtually you will categorize the following cards by indoor versus outdoor, high-tech versus low-tech, amount of interaction with other people, academic discipline, level of education, or other criteria.

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