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Water Analysis of Various Issues: Local Issue: Beavers in Butler

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WATER ISSUES: BEAVERS IN BUTLER



Standards:

8.1.2.A.2, 8.1.PC.1, 8.1.2.C.1, 8.1.5.C.1, 8.1.8.C.1, 8.1.2.E.1, 8.1.5.E.1, 8.2.2.A.3, 8.2.2.A.4, 8.2.2.A.5, 8.2.2.C.1, 8.2.2.C.4, 8.2.5.C.1

Instructions:

Use the links to analyze and complete research. Upon completion of the research you will produce a WeVideo on the impact of this animal in our community. Please **change the color** of your answers.

Beaver in Butler:



Location of the beaver:

Use Google Earth to locate where this issue is occurring. Create a new project on Google Earth. Include the following:

- ☐ The location of where this is currently occurring

Screenshot the location and insert it as evidence here:

Background of beavers:

Use this to answer the following questions: [Smithsonian Beaver](#)

- 1) Describe the following:

Physical appearance:

- a) Type of animal:
- b) Teeth:
- c) Feet (Front and back)
- d) Tail:
- e) Size:
- f) Lifespan:
- g) Sleep Habits:

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- h) Research to find 3-5 fun facts about a beaver:
- i) **Higher Level Thinking:** In your opinion, what physical feature of a beaver not only helps build dams more efficiently but helps

Beaver habitat:

Use this link to help research the following: <https://youtu.be/OMdYlvbyGd4>

- a) Food:
- b) What is the purpose of a beaver dam:
- c) What is the dam made out of:
- d) What is the difference between a lodge and a dam:
- e) Predators to beavers:
- f) **Higher Level Thinking:** What makes beavers considered engineers:

Connecting this local issue with previous discussed water issues:

California wildfires: <https://www.youtube.com/watch?v=frXGpmF1SEs>

- 1) **Higher Level Thinking:** How is this local issue in Butler beneficial and comparable to the water droughts/fires in California?

Solutions to this community issue:

Research on your own or use this to research:

<https://wildlifehelp.org/animals/new-jersey/beaver>

- 1) Come up with at least 3 solutions to this current issue in our community.
- 2) Beaver trapping season ends in New Jersey on February 9, 2023. Therefore removing this rodent via a trap is not possible. What do you suggest to protect this area of our community to prevent future damage and possibly flooding?
- 3) **Answer the question in RACE Format:**
In your opinion, what is your stance on this beaver in Butler. Is it considered a nuisance or harmless?

Upon completion of the research begin creating a WeVideo that represents your stance on this issue. Please see the attached rubric and requirements of the WeVideo on Google Classroom.