Activity 5

Site Solutions Share Fair

Standard

Science and Engineering Practice - Engaging in argument from evidence to identify strengths and weaknesses in a line of reasoning, to identify best explanations, to resolve problems, and to identify best solutions.

Goal

* Students will take their knowledge of the nutrient cycles at the site to a new level as they argue the human impact and how to handle it.

Introduction

* Share the current plan for the selected site
* Present students will some examples of very restrictive management areas. Perhaps areas where human impact is minimalized by very restrictive or no access.
* Present students with some examples of completely unrestricted areas. Strive to find and example or two where this has work and failed.
* Divide students into teams or three or four.

Instruction

* Students create a Presentation. Google Slides may make this easy to share and monitor.
  + Students should be instructed to persuade the class using facts not emotion.
  + Human impact on the biogeochemical cycles should be covered
    - Carbon, Nitrogen, Water
  + The student’s scientific argument for their position must contain evidence.
* Explain the soundest plan will be presented to local, state, and or Federal governing agencies after the class selects it.

Evaluation

* Students present the presentation to the class for discussion.
* Student teams will make a [Screencastify](https://www.screencastify.com/) video that can be shared.
* Ultimately a Google Form will be used to select a video from each class to present to our site stakeholders.