



CSI:

Creek Scene Investigators

CSI: Creek Scene Investigators allows students to take on the role of citizen scientists as they develop the knowledge and skills needed to evaluate the health of tributaries within the Chesapeake Bay Watershed. After an introduction to water quality and macroinvertebrates, students will investigate the North Branch of Bennett Creek.

In addition to supporting students' environmental literacy and STEM concepts, this lesson is also designed around the following NGS Standards*:

- 4-ESS2-1. Make observations and measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.
- MS-LS2-4. Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.

Data collected from each CSI group is compiled and shared. Mountainside educators help students analyze and synthesize their findings to assess the current health of Bennett Creek.

**This lesson is also aligned with MCPS and FCPS curriculum standards.*

Cost per student for CSI: Creek Scene Investigators is \$10

To learn more, please contact: **Alyssa Wiens**
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