





A Raindrop's Journey

A Raindrop's Journey allows students to follow *Rainaldo*, Mountainside's favorite raindrop, as he travels from his cloud to the creek and on to the Chesapeake Bay.

 **A Raindrop's Journey** uses National Geographic's Fieldscope to map the flow path of rain after it falls at Mountainside.

 Students apply this information to create their own maps before venturing out on a guided hike to explore the rain gardens, wetlands, natural springs and creeks that may be a part of *Rainaldo's* journey to the Bay.

 Students work in a collaborative hands-on setting designing a variety of models to investigate natural filtration, aquifers and the scarcity of fresh water.

In addition to supporting students' environmental literacy and understanding of STEM concepts, this lesson supports the following standards:

- Describe observable changes in water on the surface of the Earth.
- Recognize and describe that the amount of water on Earth continues to stay the same even though it may change from one form to another.
- Describe how water on Earth changes. Explain that the sun is the main source of energy that causes the changes to the water on Earth.
- Describe the processes that maintain a continuous water cycle.

A Raindrop's Journey is held at Bar-T Mountainside in Urbana, Maryland.

The cost of the lesson is \$10 per student (transportation is not included).

Please contact us to learn more about [A Raindrop's Journey](#)

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