

...HANDS-ON  
SCIENCE



Camp PuhTOK  
17433 Big Falls Road  
Monkton, MD 21111  
410-329-6590



...EMBRACING  
NATURE



Grade 6  
Ecosystems Investigation  
Two-Day Field Study

Supporting the Meaningful  
Watershed Educational  
Experience

...MAKING NEW  
FRIENDSHIPS



...OVERCOMING  
OBSTACLES





## Nature Matters

Students participate in real-world science investigations in streams and ponds, meadows and forest. Puh'tok is brimming with all the wonder nature has to offer. We promise an experience that is all too rare these days — ***a sense of awe produced without screens, consoles, or speakers, just pure nature.***

### Anchor Standards

**MS-LS2-1** *Students will analyze and interpret data to provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.*

**MS-LS-2** *Students will construct an explanation that predicts patterns of interactions among and across multiple ecosystems.*

**MS-LS-4** *Students will construct an argument, supported by empirical evidence, that changes to physical or biological components of an ecosystem affect populations.*

**WHST. 6-8.1** *Write arguments to support claims with clear reasons and relevant evidence.*

**MP.4** *Model with mathematics.*

**6.SP.B.5** *Summarize numerical data sets in relation to their context.*

## ACTIVITIES

FUN WITH A PURPOSE

### Learning by Doing

- analyzing woodland, wetland, pond, stream, forest and meadow habitats to determine resource availability and overall health.
- discovering possible inhabitants (organisms) in various ecosystems and what is required within the habitat to sustain a healthy population.
- determining which habitats might support an identified organism
- Utilizing comparative analysis

### Real World Application

***Science, Technology, Math, Art and ELA activities including:***

- Macroinvertebrate study of ponds & streams
- Soil analysis
- Biological and chemical water quality testing
- Comprehensive habitat analysis
- Estimate tree height and girth
- Journals, sketches, models, and presentations

***Students will present data analysis to key stakeholders including Department of Natural Resources and Gunpowder Valley Conservancy***

### 21st Century Skill Building

- **Daily Team-Building Activities**
- **Low-Ropes Challenge Course Adventure**
- **Maker Session- Seed balls, Pollinator Hotels, Butterfly Feeders, Birdseed Cookies**
- **Journaling and Reflection**

## SCHEDULE

AT A GLANCE



### Two-Day Program

#### DAY ONE

- Arrival 9:00 A.M
- Bagged Lunch 11:30 A.M
- Dinner 6 P.M
- Departure 7:00 P.M

#### DAY TWO

- Arrival 9:00 A.M.
- Bagged Lunch 11:30 A.M
- Dismissal 3:30 P.M

*\*Includes: (5) Ecosystem Investigations, (2) Team-Building Sessions and Dinner*

### Safety First

We are always available to meet your students' needs.

Our highly trained and certified staff have passed stringent background checks. A registered nurse is available on-site at all times.



**TWO-DAY COST PER STUDENT—\$75**

**125 student min./150 max. per day**



### Camp Puh'tok Summer Camp and Outdoor Learning Center

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Monkton, MD 21111

[www.camppuhtok.com](http://www.camppuhtok.com)  
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