

APES Summer Workshop/Assignment Opportunity 2026

Welcome to the APES family! I am so excited to have you in my class and am looking forward to teaching you everything I can to help you be the best steward to the planet and to achieve the score you want on the AP Exam in the spring. Sign into this Google Classroom for the summer. [Google Classroom](#)

This summer assignment/workshop will be an important learning opportunity that every one of you will need to take advantage of this summer. You have two options, the first option being the best as far as getting real-world practice and field work experience. The second option will be a reading and written assignment to make up for not being in person for the field experience.

Option 1 Field Work at Beargrass Creek

Students will sign up for **ONE** day only. We will meet at a location along Beargrass Creek where you will learn to conduct a habitat assessment, chemistry assessment, and a biological assessment. Depending on your sign up, the day will start at 1:00 pm and end at 5 or start at 8 am and will end at 12. Lunch will not be provided.

The Workshop days are as follows:

Session 1: June 2nd, 3rd, & 8th 1pm-5pm

Session 2: July 29th, 30th, & 31st 8-12

Click the link to sign up for ONE day here You will put your full name and email address.

[Sign up](#)

Skills you will learn

Students will use field equipment to conduct three sets of tests to determine the health of a local stream. You will be trained to assess stream health by conducting three field assessments: a visual habitat assessment, using a rubric, a chemical assessment, using several tests to determine pH, temperature, dissolved oxygen, turbidity, coliform and nutrient tests, and a biological assessment using nets to collect macroinvertebrates. A written summary of what we tested and you learned will be required within one week of your fieldwork day.

Option 2 Reading and Notes Assignment on Google Classroom

A reading assignment will be posted on Google Classroom this summer. It is a long one. There will be a quiz and writing assignment to take when you are done.

AP Goals/Topics Covered

Unit 4

4.6 Watersheds

Unit 5

5.10 Impacts of Urbanization

5.13 Methods to Reduce Urban Runoff

Unit 8

8.1 Sources of Pollution

8.2 Human Impacts on Ecosystems

8.5 Eutrophication

8.6 Thermal Pollution

Schedule for June Camp

1:00-1:30 Welcome and get to know you
1:30-2:30 Rotation 1 Habitat Assessment
2:30- 3:30 Rotation 2 Stream Chemistry
3:30-4:30 Rotation 3 Biological Assessment
4:30-5:00 Lab supply clean up/Written Summary Assignment

Schedule for July Camp

8:00-8:30 Welcome and get to know you
8:30-9:30 Rotation 1 Habitat Assessment
9:30- 10:30 Rotation 2 Stream Chemistry
10:30-11:30 Rotation 3 Biological Assessment
11:30-12:00 Lab supply clean up/Written Summary Assignment