



**Western Kentucky University
APSI Environmental Science**

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Tentative Syllabus - Field Trips Unconfirmed at this time

Monday June 23

Morning

- Introductions
- Introduction to AP Program, College Board, and ETS
- Acorn review
 - Nature of Course
 - Outline of course content
- Envirothon
- Classroom organization and management
- Time management and scheduling
- Sample Syllabus, including field and laboratory exercises
- Textbook selection
- Curriculum resources and equipment needs
- Students to take AP
- Field Work / Lab investigations
- Field Trips
- Suggested Videos

Afternoon

- Owl Pellet lab
- Reading River Sediments Lab

Tuesday June 24

Morning

- Acids, Bases, Salts lab
- Acid Deposition lab

Afternoon

- Soil labs
- Groundwater lab

Wednesday June 25

Morning

8:00 - Tour Water treatment plant - meet at plant in the morning

AP Central / list serve

AP Audit

AP Environmental Exam

Format and question types

Establishment and application of rubrics

Student preparation for exam

College credit

Helping Students avoid common Errors on APES Free Response

Afternoon

Toxicology lab

LC₅₀ lab

Review of rubrics for 2013 APES free response

Begin mock reading of 2013 Free Response

Thursday June 26

Daylong field trip to Hidden River Cave - sponsored by the **American Cave Conservation Association Indoor** session from about 9:00 -- 11:30 on History of the cave, topography, etc. Includes a PowerPoint presentation, hands on experiments, scavenger hunt, etc.

Lunch will be from 11:30 -- 12:30 p.m. at a local cafe

At 12:30 p.m., we'll gear up and head into the cave. We make the outdoor walking tour before we head upstream for our 3-hour tour. We should all be out of the cave by 4:00ish. Bring some work gloves, long sleeved shirt and hiking boots for the cave tour. Also, please bring a change of clothing, as you will be very muddy upon exiting. (<http://www.cavern.org/acca/accahome.html>)

From the contract:

TOUR CONSIDERATIONS: *This tour should be considered very strenuous and includes bending and crawling. This tour is not recommended for anyone that has claustrophobia, breathing or walking difficulties, heart conditions or other physical impairments. Restrooms are not available inside the cave.*

EQUIPMENT REQUIRED: *A helmet, headlamp and batteries are provided. Participants should expect to get wet and muddy and should wear a long sleeve shirt and/or sweatshirt, long pants and gloves. Kneepads are optional. Participants are required to wear boots with good tread and ankle support. A small pack for carrying a water bottle, snack and flashlight is recommended but not required.*

APPROPRIATE BEHAVIOR: *Your tour guide will review safety procedures and proper conduct before the tour. It is expected that participants follow the guide's instructions at all times. Collection of anything in the cave such as rocks or cave animals is prohibited. Defacing the cave in any way is prohibited. Anyone behaving inappropriately will be immediately escorted from the cave. Tobacco and alcoholic beverages are not allowed in the museum or the cave. Persons who have consumed alcohol prior to the trip will not be allowed to participate in the tour.*

Friday June 27

Continue mock reading of 2013 Free Response

Final comments

Sharing favorite activities, videos, etc.

Evaluations