

# **BCPS Field Trip Request ID # 8572**

Trip Request By	Tammy Perdew - CGES
Trip Name	Adventures in Water
Trip Date	10-17-2018
Approx. Pick-up Time	11:00AM
Return Date	10-17-2018
Approx. Return Time	3:30PM
Class/Group	4th grade
Student Count	90
Chaperone Count	3
Number of Vans/Buses	2
Common Carrier	Miller Transportation
Cost to Students	10
How will you pay for students who cannot afford the fee?	Frc Grant

## **Place of Departure**

Name:	Cedar Grove Elem.
Address:	1900 Cedar Grove RD.
City:	Shepherdsville
State:	KY

## **Destination**

Name:	Louisville Water Company Tower
Address:	3005 River RD.
City:	Louisville
State:	KY

## **Lesson Plans**

- Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time. [Clarification Statement: Examples of evidence from patterns
- 4- could include rock layers with marine shell fossils above rock layers with plant fossils and no shells,
- ESS1-** indicating a change from land to water over time; and, a canyon with different rock layers in the walls
- 1. and a river in the bottom, indicating that over time a river cut through the rock.] [*Assessment Boundary: Assessment does not include specific knowledge of the mechanism of rock formation or memorization of specific rock formations and layers. Assessment is limited to relative time.*]
- 4- Make observations and/or measurements to provide evidence of the effects of weathering or the rate of
- ESS2-** erosion by water, ice, wind, or vegetation. [Clarification Statement: Examples of variables to test could
- 1. include angle of slope in the downhill movement of water, amount of vegetation, speed of wind, relative

rate of deposition, cycles of freezing and thawing of water, cycles of heating and cooling, and volume of water flow.] [*Assessment Boundary: Assessment is limited to a single form of weathering or erosion.*]

- 4- Analyze and interpret data from maps to describe patterns of Earth's features. [Clarification
- ESS2-** Statement: Maps can include topographic maps of Earth's land and ocean floor, as well as maps of
- 2. the locations of mountains, continental boundaries, volcanoes, and earthquakes.]
- 4- Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.\*
- ESS3-** [Clarification Statement: Examples of solutions could include designing an earthquake resistant building
- 2. and improving monitoring of volcanic activity.] [*Assessment Boundary: Assessment is limited to earthquakes, floods, tsunamis, and volcanic eruptions.*]

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