

BCPS Field Trip Request ID # 8238

Trip Request By
Trip Name
Trip Date
Approx. Pick-up Time
Return Date
Approx. Return Time
Class/Group
Student Count
Chaperone Count
Number of Vans/Buses
Common Carrier
Cost to Students

How will you pay for students who cannot afford the fee?

We put the individual cost such that there will be enough to cover anyone not able to pay.

Place of Departure

Name:
Address:
City:
State: KY

Destination

Name:
Address:
City:
State: KY

Lesson Plans

Life and Land of Rock Run Creek

Rock Run Creek has flowed through Bernheim for centuries, creating a landscape filled with geologic and ecologic connections. Students will follow a trail along forested creek banks and explore the bed at dry locations. Key concepts include processes that shape the earth and interdependent relationships within ecosystems. Students will be able to observe plants life in and around the water and understand how plants need the water and light to grow. Students will be guided by a naturalists from Bernheim to see how the water forms the creek beds how that relates to the larger picture of how water forms the shape of the earth. The students will be able to understand the at times it can be a slow process when water is forming the rock and it can also be a quick process when water moves soil quickly charging the forms of the earth and that this process is known as Erosion.

When returning to school, students will be given the opportunity to work in groups outside test some of the lessons learn. They will be given trays with soil, trays with rock, trays with sand and water pitchers. They will be able to pour the water and make their own land forms with the water being the force to change it all. The students will get to explore with their own land forms and see how quickly or slow the water changed the shape depending on land materials. They can even explore how pouring the water at different rates will effect the speed of the shaping or erosion.

To wrap up this learning experience. We will review and discuss what we have observed and learned. We will ask the following questions:

What is erosion?

How did our trip and investigation show erosion?

What happened to the sand when water was dropped on it?

Do you think erosion is a slow or quick change? Do you think it can be both? Explaining your reasoning.

They will write reflections about their new knowledge of shaping the earth.

Students will learn through hands-on and in field experiences.

NGSS

2-LS2-1

2-LS2-2

2-LS4-1

2-ESS1-1

2-ESS1-2

2-ESS1-3

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