

BCPS Field Trip Request ID # 8329

Trip Request By	Jennifer Burchett - LJES
Trip Name	KY Science Center
Trip Date	06-01-2018
Approx. Pick-up Time	9:30AM
Return Date	06-01-2018
Approx. Return Time	2:30PM
Class/Group	LJES First Grade
Student Count	75
Chaperone Count	8
Number of Vans/Buses	2
Common Carrier	Miller
Cost to Students	17
How will you pay for students who cannot afford the fee?	The school will cover the students who cannot afford to pay.

Place of Departure

Name:	Lebanon Junction Elementary
Address:	10920 Preston Highway
City:	Lebanon Junction
State:	KY

Destination

Name:	Kentucky Science Center
Address:	727 West Main Street
City:	Louisville
State:	KY

Lesson Plans

Rationale for Field Trip

What educational objective does this field trip meet for your students?

Students can make and use observations about the sun, moon, and stars to describe patterns that can be predicted.

NGSS-1-ESS1-1 - Use observations of the sun, moon, and stars to describe patterns that can be predicted.

NGSS-1-ESS1-2- - Make observations at different times of year to relate the amount of daylight to the time of year.

How is this trip connected with or linked to the unit you are currently teaching in the classroom? What have you been teaching that leads to the value of this trip?

Students have been working making observations about the sun, moon and stars in real life and in the classroom. They have also been working on using their observations to relate the amount of daylight to the time of the year. This field trip will help extend both of these standards and help the students relate to the standards in a real life way. Prior to the trip, the students will be informed that they will be expected to use the observations about the sun, moon, and stars in experiments and viewings at the Kentucky Science Center in the classroom. They will then experience the exhibits and movie while paying attention to the details that are important to the sun, moon, and stars. When they return from the Science Center, students will complete multiple activities in science that will require them to recall the details that they saw and utilize them in activities where they will show how the seasons are effected by the movement of the earth around the sun and how the moon's shape follows a predictable pattern.

What instructional follow-up activities will the student do upon returning from the field trip?

(As mentioned above) Prior to the trip, the students will be informed that they will be expected to use the observations about the sun, moon, and stars in experiments and viewings at the Kentucky Science Center in the classroom. They will then experience the exhibits and movie while paying attention to the details that are important to the sun, moon, and stars. When they return from the Science Center, students will complete multiple activities in science that will require them to recall the details that they saw and utilize them in activities where they will show how the seasons are effected by the movement of the earth around the sun and how the moon's shape follows a predictable pattern.

How will the field trip enhance learning more than the regular classroom instruction on this topic or lesson?

By allowing students to experience the movie and hands on experiments about the sun, moon, and stars, they will create schema that can be used in experiments in the classroom relating to the content. Permanent connections will be made with these experiences, allowing the experiments and lessons that we do in class to mean more to the students. All students will now have the same schema as a group and this will assist our students with no real prior knowledge about the sun, moon, and stars. Students will then be able to complete experiments in a more meaningful way, simply because they saw and worked with the sun, moon, and stars in hands on ways.

How will you evaluate the field trip?

We will evaluate the field trip via the follow up activities of asking students to illustrate where they are on the earth when it is daytime and nighttime, having the students model where the sun rises and sets at their home and explain why those things happen in the same place every day, labeling and explaining how the earth's orbit affects the seasons, and by explaining and writing about how many times they have made a trip around the sun and relating that to each year is one revolution of the earth around the sun.

We will also ask the students for their input on how/if the field trip was meaningful for them.

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