

BCPS Field Trip Request ID # 8536

| | |
|--|--------------------|
| Trip Request By | Shelby Janes - FES |
| Trip Name | The Science Center |
| Trip Date | 03-01-2019 |
| Approx. Pick-up Time | 9:15AM |
| Return Date | 03-01-2019 |
| Approx. Return Time | 3:00PM |
| Class/Group | 3rd Grade |
| Student Count | 75 |
| Chaperone Count | 3 |
| Number of Vans/Buses | 2 |
| Common Carrier | Jefferson |
| Cost to Students | 18 |
| How will you pay for students who cannot afford the fee? | Fundraiser |

Place of Departure

| | |
|----------|---------------------------|
| Name: | Freedom Elementary School |
| Address: | 4682 North Preston Hwy |
| City: | Shepherdsville |
| State: | KY |

Destination

| | |
|----------|-----------------------------|
| Name: | The Kentucky Science Center |
| Address: | 727 W Main Street |
| City: | Louisville |
| State: | KY |

Lesson Plans

Standards: RI.3.3, 3-PS2-4, 3-ESS2.D

Students participating in Energy in Motion will:

- ask questions, make observations, and gather information about renewable energy in Kentucky in order to develop a new or improved electricity-generating device
- obtain and evaluate information to describe how energy and fuel are derived from natural resources and how their use affects the environment
- analyze data to determine how the push and pull of forces could increase turbine output
- develop a simple model of a turbine in order to illustrate how the shape of the blades increase or decrease its rotations per minute
- draft a simple turbine design, applying scientific concepts about magnetism; provide evidence suggesting that a magnetic field exists between two objects, even when the objects are not in contact
- generate and compare multiple possible solutions for renewable energy in Kentucky and construct explanations based on how likely to meet criteria and constraints

National Geographic Extreme Weather film

Hands on exhibits: The world we create, Discovery gallery, The world around us, The world within us

Copyright 7/9/2018 - All rights reserved.

T.R.I.P. - v1.0.5 [Debug](#)