

# **BCPS Field Trip Request ID # 8534**

Trip Request By	Kimberly Minter - HMS
Trip Name	Columbus Foundation/Nina, Pinta replicants
Trip Date	08-16-2018
Approx. Pick-up Time	8:30AM
Return Date	08-16-2018
Approx. Return Time	11:30AM
Class/Group	Discovery School
Student Count	100
Chaperone Count	10
Number of Vans/Buses	3
Common Carrier	Miller Transportation
Cost to Students	12
How will you pay for students who cannot afford the fee?	Discovery Funds

## **Place of Departure**

Name:	Hebron Middle School
Address:	3300 East Hebron Lane
City:	Shepherdsville
State:	KY

## **Destination**

Name:	Louisville Wharf
Address:	131 West River Road
City:	Louisville
State:	KY

## **Lesson Plans**

Utilizing the following listed NGSS standards through prior classroom comparison of engineering in the 1800s and the present time students could experience a hands on exploration of 1800s engineering. Students will also experience the life and impact on history due to the advancements in exploration derived from this engineering feat.

MS-ETS1-1. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.

MS-ETS1-2. Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem.

MS-ETS1-3. Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.

MS-ETS1-4. Develop a model to generate data for iterative testing and modification of a proposed object, tool, or process such that an optimal design can be achieved. The performance expectations above were developed using the following elements

Copyright 7/16/2018 - All rights reserved.

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