

Fieldtrip request

class/group: Physics class

Staff member in charge: Rhonda White

Supervision chaperones: None

Date of trip: May 16, 2018

Destination: Siverwood, Athol, ID

Departure time: 6:30 am

Return time: 9:00 pm

Transportation method: Bus

Transportation dept notified: yes

Instructional objectives:

Calculate speed, acceleration, kinetic energy and potential energy changes as students progress through various rides. Students will use accelerometer to collect data. (This is a Vernier probe and connects to the computer. Setting up the probe is necessary in order to change collecting times for each ride.)

Prelearning activities:

Kinematic equations (speed, velocity and acceleration) have been used to calculate various aspects of speed, velocity and acceleration in semester 1 of physics. Use of the Vernier probes is completed before leaving on the fieldtrip.

Post learning activities: Students will complete packet in the field and turn in after we return.

Is this an overnight activity? No.

Is this an out-of state activity? Yes

Proposed itinerary: attached

estimated Cost Tickets are \$23.00

Housing: none

Funding source: none

Submitted by Rhonda White Date 3-22-18

Principal approval (all trips) *Rhonda White* Superintendent approval (overnight trips) _____

board of trustee approval (out of state trips) _____

Copy of final approval to be sent to Transportation Department

Silverwood trip Itinerary

leave 6:30 am and return by about 9:00pm

Athol, ID (time change, 1 hour earlier)

Cell phones are okay (They make it easy to find each other!!!) Will it be roaming??

Buddy system; no one is by themselves!!

Clothes - dress in layers!! Have rain gear, warm clothes and clothes if it is warmer, bring complete change of clothes (underwear and shoes too!!! If you get wet you don't want to ride for 3-4 hours in wet clothes!!!) Bring sunscreen, personal items, medication and anything else you will need for the day.

Wear good shoes. There are asphalt paths there, you will be on your feet and you also want something that will stay ON your feet when you are on the ride.

Bring food. There may be some food you can buy there but expect it to be expensive!! You may want to bring something you can carry with you for lunch so you don't have to stop to eat. (helps maximize fun!!!) Bring water and good quality fluids!! I will bring a cooler with ice.

You can't have backpacks on the rides.

We will stop in St. Regis to and from Silverwood.

We will stop at a grocery store after leaving Silverwood.

Do your assignment at Silverwood or at least collect the data so you can make calculations later. We do not have time in class to do this.

We will have the WDSS wireless system with us, a trundle wheel, and stop watch. We will use multiple ways of collecting data to check our answers. We need at least two good data runs for each coaster and the Panic Plunge.

Do not drop the WDSS!!! It will break!!! and its expensive!!! Same goes for the computer but it should be a little easier as we are not strapping it to us and getting flung around in space!!!! Be ready to do some troubleshooting with computer and WDSS.

Wednesday is "no barf day"

Don't wait too long for getting on some rides as later in the day it can get busy.

HAVE FUN!!