

Volunteer List for "The Science Games" hosted by Vandenberg Middle School, Evening of January 31, 2013

Location	Event	Volunteer	Responsibilities	Date Needed	Time Needed
Hands on Activities					
MPR	AIAA Science Fair booth	Tom Stevens	Display Science Fair information and display board samples. (Paul Coski can provide samples). It would be nice to have a flyer for interested parties		5:30 to 8:15 PM
MPR	Tesla Coil				
	Adult leader		Demonstrate Tesla coil to attract interest for the Science Fair.		5:30 to 8:15 PM
	Student helper		Demonstrate Tesla coil to attract interest for the Science Fair.		5:45 to 8:15 PM
B2	Art Activities				
	Room Leader	Susan Baldwin	Art activities to generate interest in VMS Art & Elective programs		5:30 to 8:15 PM
	Adult helper		Support Ms. Baldwin as needed while people work on planned art projects. Also, help clean up at the end of the evening.		5:30 to 8:15 PM
	Student helper		Support Ms. Baldwin as needed while people work on planned art projects. Also, help clean up at the end of the evening.		5:45 to 8:15 PM
	Student helper		Support Ms. Baldwin as needed while people work on planned art projects. Also, help clean up at the end of the evening.		5:45 to 8:15 PM
B3	Mousetrap Catapult				
	Room Leader	Derek Aguilar	Help students to safely build a catapult that can launch paper wads at balloon, and other targets set-up in room.		5:30 to 8:15 PM
	Adult helper		Support leader in helping students safely build a catapult and insure they wear safety goggles while operating and trying to strike targets. Also, help clean up after event.		5:30 to 8:15 PM
	Student helper		Support leader in helping students safely build a catapult and insure they wear safety goggles while operating and trying to strike targets. Also, help clean up after event.		5:45 to 8:15 PM
	Student helper		Support leader in helping students safely build a catapult and insure they wear safety goggles while operating and trying to strike targets. Also, help clean up after event.		5:45 to 8:15 PM
B4	Balloon incline rocket <i>(2 line pairs)</i>				
	Room Leader		Help students to safely build and launch a balloon rocket car. Students can compete against each other for distance and /or speed.		5:30 to 8:15 PM
	Adult helper		Support leader in helping students safely build, launch and race a balloon rocket cars. Also, help clean up after event.		5:30 to 8:15 PM
	Student helper		Support leader in helping students safely build, launch and race a balloon rocket cars. Also, help clean up after event.		5:45 to 8:15 PM
B4	Zip line carriage build & race <i>(2 line pairs)</i>				
	Activity leader		Help students to safely build and launch a balloon rocket car. Students can compete against each other for distance and /or speed.		5:30 to 8:15 PM
	Adult helper		Support leader in helping students safely build, launch and race a balloon rocket cars. Also, help maintain order and taking turns.		5:30 to 8:15 PM
	Student helper		Support leader in helping students safely build, launch and race a balloon rocket cars. Also, help maintain order and taking turns.		5:45 to 8:15 PM
B4	Aquarium Touch Tanks				
	Cabrillo HS Aquarium support		Allow students to observe and learn about creatures on display		5:30 to 8:15 PM
	Adult helper		Insure students take turns and treat creatures with care		5:30 to 8:15 PM
	Student helper		Insure students take turns and treat creatures with care		5:45 to 8:15 PM
B5	Balloon Car Activity <i>(2 Race tracks)</i>				
	Room leader	Randy Hohimer	Help students build a balloon powered car with provided supplies. They can then race each other on the floor		5:30 to 8:15 PM
	Adult helper		Same as above, but also help maintain order and that students are taking turns		5:30 to 8:15 PM

Location	Event	Volunteer	Responsibilities	Date Needed	Time Needed
	Student helper		Help students build cars and help students to maintain order and take turns		5:45 to 8:15 PM
	Student helper		Help students build cars and help students to maintain order and take turns		5:45 to 8:15 PM
B5	Balloon Boat Activity				
	<i>(2 Race tracks)</i>				
	Activity leader		Help students build a balloon powered car with provided supplies. They can then race each other in gutters		5:30 to 8:15 PM
	Adult helper		Same as above, but also help maintain order and that students are taking turns		5:30 to 8:15 PM
	Student helper		Help students build cars and help students to maintain order and take turns		5:45 to 8:15 PM
	Student helper		Help students build cars and help students to maintain order and take turns		5:45 to 8:15 PM
B5	Balance Use				
	<i>(4 triple beam balances)</i>				
	Student leader		Show individuals how to zero and use triple beam balance then put candy on to see if they can find it's mass. They get to keep candy if they succeed.		5:45 to 8:15 PM
	Student leader		Show individuals how to zero and use triple beam balance then put candy on to see if they can find it's mass. They get to keep candy if they succeed.		5:45 to 8:15 PM
B5	Bournellis force				
	<i>(2 blowers & beach balls)</i>				
	Student leader		Demonstrate Bournellis principle with a beach ball and hair blow dryer set on cold.		5:45 to 8:15 PM
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B7	Cheek cell & onion cell				
	<i>(4 microscopes, two for ea.)</i>				
	Room leader	Karen Grundler	Teach students how to look at various cells including cheek, onion and pond water organisms		5:30 to 8:15 PM
	Student helper		Same responsibilities as Room leader, but help out by carefully cleaning and drying slides and cover slips		5:45 to 8:15 PM
B7	Pondwater & microscope				
	<i>(4 microscopes)</i>				
	Adult leader		Teach students how to look at various cells including cheek, onion and pond water organisms		5:30 to 8:15 PM
	Student helper		Same responsibilities as Room leader, but help out by carefully cleaning and drying slides and cover slips		5:45 to 8:15 PM
B7	Dissection Scope				
	<i>(2 dissection scopes)</i>				
	Student leader		Teach students how to look at various ojects and focus the dissection scope		5:45 to 8:15 PM
B7	Probeware				
	<i>(2 - 3 laptops w/LabPros)</i>				
	Student leader		Instruct students how to use probes		5:45 to 8:15 PM
	Student leader		Instruct students how to use probes		5:45 to 8:15 PM