

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

Location	Event	Volunteer	Responsibilities	Date Needed	Time Needed
Competition w/ 24 Students					
C4	Rocket Powered Cable Carriage:				
	Contest Leader & Scorecard Recorder #1	Howard Anderson ?	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control		Insure crowd stays behind rope barriers, safety glasses are worn, all clear when launching rocket cars		5:30 to 8:15 PM
	Rocket Retriever		Wear safety glasses, wait for leaders signal of all clear then retrieve rocket if needed.		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
MPR	Egg Drop:				
	Contest Leader & Scorecard Recorder #1	Chris Ladwig	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control		Insure crowd stays behind rope barriers, safety glasses are worn, students safely open packages to check eggs		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
MPR	Trebachet:				
	Contest Leader & Scorecard Recorder #1	Mike Eppley	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control	Phil Salucci ?	Insure crowd stays behind rope barriers, safety glasses are worn, aiming and shooting stays w/in curtain zone		5:30 to 8:15 PM
	Safety Helper #1		Insure crowd stays behind rope barriers, safety glasses are worn, trebuchet loading & firing are achieved safely		5:30 to 8:15 PM
	Safety Helper #2		Insure crowd stays behind rope barriers, safety glasses are worn, trebuchet loading & firing are achieved safely		5:30 to 8:15 PM
	Trebachet & Projectile Prep #1		Load & prepare Trebuchet for firing, help aim as student contestants direct in a safe manner		5:30 to 8:15 PM
	Trebachet & Projectile Prep #2		Load & prepare Trebuchet for firing, help aim as student contestants direct in a safe manner		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
MPR	Zip Line & Speed Calcs:				
	Contest Leader & Scorecard Recorder #1	Betsy Villalpando	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control		Insure crowd stays behind rope barriers, safety glasses are worn, and that contestants are safe distance from Trebuchet projectiles		5:30 to 8:15 PM
	Zip Line Retriever		Wear safety glasses, keep watchful eye out for Trebuchet projectiles then prepare carriages for launching. Make sure each run is a fair and equal launch for both carriages		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
B6	Mousetrap/Ballon car's:				
	Contest Leader & Scorecard Recorder #1	Kelly Ayer	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control		Insure crowd stays behind rope barriers, safety glasses are worn, and that contestants are safe from mouse trap snapping		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
C1	Hot Air Ballon Contest:				
	Contest Leader & Scorecard Recorder #1	Doug Black	Oversee contest and insure accurate scoring & students understand how to achieve maximum points		5:30 to 8:15 PM
	Safety Leader & Crowd Control		Insure crowd stays behind rope barriers, safety glasses are worn, students are safe around hot air producers		5:30 to 8:15 PM
	Balloon Hot Air Charger #1		Insure no one gets burnt and plastic doesn't get so hot as to melt, or cause a fire. Also work to insure equal procedure for charging balloons for fair treatment of both teams		5:30 to 8:15 PM
	Balloon Hot Air Charger #2		Insure no one gets burnt and plastic doesn't get so hot as to melt, or cause a fire. Also work to insure equal procedure for charging balloons for fair treatment of both teams		5:30 to 8:15 PM
	Scorecard Recorder #2		Insure accurate and fair scoring occurs for both teams		5:30 to 8:15 PM
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				

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	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
	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
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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
	Student leader		Demonstrate Bournellis principle with a beach ball and hair blow dryer set on cold.		5:45 to 8:15 PM
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
	Other Assignments:				
	Orientation & Safety Discussion	Paul Coski	Discusses evenings preparation and safety goals, general and specific for each event as well as hands on activities		5:30 to 5:50 PM
	Master of Ceremonies	Becky Sausker	Introduces games, provides verbal information for locations of events, scoreboard & info posters, awards, monitors and keeps events on schedual		5:30 to 8:15 PM
	Excel Scoreboard template set-up	Doug Baker	Sets up Excel score keeping template.	January 24, 2013	
	Computer scoreboard keeper	Doug Baker	Prepares scoreboard projection for large screen display. Tallies new scores following each event.		5:30 to 8:15 PM
	Trumpeters & other music	Adam Fuechsl	Bugaler sounds off denoting when contestants rotate to next events, and perform Star Spangle Banner for awards flag raising		5:45 to 8:00 PM
	2nd Trumpeter		Trumpet support		5:45 to 8:00 PM
	Technology & Sound	Howard Anderson / Paul Coski	Insures all technology is set-up for sound, projector(s), video cameras, scoreboard, music and videos		3:30 to 4:30 PM
	Trebachet construction	Phil Salucci / Paul Coski	Constructs 2 Trebuchet clones to be used during contest	January 24, 2013	
	Scorecard runner & tallier #1		Will pick-up scorecards for two assigned events and return to Scoreboard area for totalling and input into Excel		5:45 to 8:00 PM
	Scorecard runner & tallier #2		Will pick-up scorecards for two assigned events and return to Scoreboard area for totalling and input into Excel		5:45 to 8:00 PM
	Scorecard runner & tallier #3		Will pick-up scorecards for two assigned events and return to Scoreboard area for totalling and input into Excel		5:45 to 8:00 PM
	Awarder of metals	Kathi Froemming & Brian Grimnes ?	Shakes hands and congratulates gold, silver and bronze metal recipients		6:00 to 8:00 PM
	Flag care / handling & raising		Insure flag is on location and can be attached to line for raising vertically in MPR as in Olympics during awards		5:30 to 8:15 PM
	Platforms set-up on stage for awards - 3 heights	Garson ? & Adam ?		January 30th	
	Flag raising mechanism for Olympic style awards			January 28th	
	MPR cable wall anchors installed for curtains	Maintenance & Paul Coski		January 17th	

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	MPR cable and curtains installed			January 31st	
	Install 2 ceiling hooks in NW corner of MPR for Egg Drop contest	Maintenance & Paul Coski		January 17th	
	Set-up pulleys and lift line for Egg Drop contest	Maintenance & Paul Coski		January 31st	
	B3, B4, C4 cable / string anchors installed			January 17th	
	B3, B4, C4 cables and strings installed			January 31st	4:30 PM
	Information Posters made and printed	Susan Baldwin		January 24th	
	Information Posters posted on walls			January 31st	4:30 PM
	Event supplies and equipment organized in boxes for each competition / hands on activity and stored for quick retrieval.		Help gather and package supplies and equipment into boxes for quick access on day of event	January 17th	
	Event supplies & equipment organization helper		Help gather and package supplies and equipment into boxes for quick access on day of event	January 17th	
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	Score card developer & printing	Paul Coski	Develop score cards for each of the 6 contests	January 10th	
	Mouse trap Catapult design & supply prep. (60 catapults)		Cut out, pre-drill wood parts for catapults	January 24th	
	Balloon boat gutters preparation	Chris Ladwig	Obtain, prepare and seal gutters for balloon boat races (2 sets of gutters)	January 17th	
	Develop & test Rocket Powered Cable Carriage	Paul Coski and ??????		January 17th	
	Make CO2 cartridge puncture / starter gun for Rocket Powered Cable Carriage contest	Paul Coski and ??????		January 17th	
	Set-up leader	Paul Coski	Set-up safety barriers, pull curtains in place, set-up technology, booths, cables, event supplies and equipment and post information posters		3:30 to 5:00 PM
	Set-up support	Becky Sausker	Set-up safety barriers, pull curtains in place, set-up technology, booths, cables, event supplies and equipment and post information posters		3:30 to 5:00 PM
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	Evening Dinner support	VMS Social Committee ?	Order and pick up dinner for Team leaders & set-up crew	4:55 PM	5:00 to 5:30 PM
	Clean-up leader	Paul Coski	Clean and straighten classrooms, MPR, take down cables, strings, safety barriers and curtains, box up for storage.		8:00 to 9:00 PM
	Clean-up support	Becky Sausker	Clean and straighten classrooms, MPR, take down cables, strings, safety barriers and curtains, box up for storage.		8:00 to 9:00 PM
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