Student Name & Date

Global Competition Project

Grade 10

Project Description:

Students engage in a multicultural and interdisciplinary investigation of the globe to examine sports, cultures, environments, and unresolved problems of the modern world. This *Global Competition Project* is organized into academic and physical events in which student teams represent countries to earn assessments for each project component. The *Global Competition Project* culminates in a simulated Olympic event.

Please review this document with your student. Familiarize yourself with all the requirements for the project and each component's due date.

<u>Parent support is needed</u> in order to successfully complete the Olympic activities. The 10th grade team works closely with the I-Poly Education Foundation to utilize monetary donations for the purchase of refreshments and other activity supplies (medals) would be greatly appreciated.

Please plan on attending the Opening Ceremonies, competitions, and/or Closing Ceremonies during the week of January 17-20, 2012. We will let you know the specific dates as soon as they are finalized. Thank you, in advance, for your willingness to make this project a success. We'll see you at "the Games".

I-Poly Foundation Oly	ympic Donations								
The I-Poly Foundation is a 501 (3)(c) organization (http://www.ipolyfoundation.org/). Please support the I-Poly Foundation as they support the Global Competition project with medals, water, awards, and room reservations. Mak sure to give when you receive information about their annual fundraiser.									
Parent Sign – Off Form Please complete and return thi	is form by Friday, September 2, 2011.								
Global Competit	tion Project								
I have reviewed the requirements and due dates of the Global Corequirements necessary for the attainment of a Proficient or higher a	•								
Parent/Guardian Name & Date	Parent/Guardian Signature								

Student Signature

Global Competition Project First Semester -Grade 10

Project Justification:

Since the conception of the Greek Olympic Games, people from all over the world have gathered to participate in healthy competition that promotes national pride and the pursuit of excellence in athletic performance. Using the model of the Olympic spirit and ideal, students will explore modern world conflicts and creatively determine potential ways to peacefully co-exist.

The purpose of the *Global Competition Project* is to explore the unresolved problems of the modern world and possible solutions through the academic disciplines of mathematics, social studies, science, language arts, foreign language, fine arts, physical education, health, and technology. In order to accomplish this endeavor, the project has incorporated the California Frameworks, California State Standards, California Department of Education Challenge Standards, and the I-Poly Standards from each discipline.

Essential Questions:

- 1. What is the greatest contributing factor in trying to predict a country's Olympic success?
- 2. What is the most important way the Olympics help a country overcome, face or lessen its own issues?
- 3. What is the most important scientific advancement in sports?
- 4. What is the most important consequence of competition?

General Learning Outcomes:

- 1. Students will make thematic connections between integrated subject areas through a variety of integrated learning activities.
- 2. Students will gain knowledge and appreciation of global cultures through the study and exploration of unresolved problems of the modern world.
- 3. Students will gain an awareness of the value of sportsmanship, celebrate the pursuit of excellence, and experience the "Olympic Team Spirit."
- 4. Students will gain knowledge and appreciation of world cultures and their historical developments.
- 5. Students will investigate and appreciate the organization and mission of the Olympics.
- 6. Students will apply and refine leadership skills within project components.
- 7. Students will critically examine their own values and aspirations as well as conflicting values and aspirations of the modern world.
- 8. Students will creatively develop potential solutions to global problems.
- 9. Students will apply and refine technological skills throughout the course of the project.

Written Paper Technical Standards:

- 1. Double spaced, 12 point font, electronically spell checked, and proofread for proper grammar.
- 2. Must be in MLA format with a bibliography or work cited page.
- 3. Essential Questions are always a minimum of 350 words.
- 4. No clear plastic sleeves. (Please. Al Gore thanks you.)

Project Components:

- 1. <u>Country Flag</u>: Student groups reproduce their authentic country flag using correct dimensions, proportions, and scale for the culminating, Olympic-style Global Competition. Students will produce a brief fact sheet detailing basic information and Olympic history about their country. Assessment is conducted, using the component contract, by the Math teacher.
- 2. <u>Country Issue Paper</u>: Each group member writes a short paper detailing one major issue in their country. No two group members can write about the same issue. One of the issues will be used as a basis for the Country Issue Lesson component. Assessment is conducted, using the component contract, by the English teacher.
- 3. <u>Country Mascot:</u> Student groups select an animal indigenous to their country and develop a poster-sized sign that displays their selected mascot for the culminating Olympic-style Global Competition. In addition, individual students each research and write a paper describing an animal indigenous to their country and define its scientific name and classification. Assessment is conducted, using the component contract, by the Science teacher.
- 4. <u>Olympic Statistical Rankings</u>: Students track and determine statistical information in evaluating their country's Olympic medal standing relative to a minimum of ten other countries. They will use scatterplot, Pearson's Correlation, standard deviations, etc., to determine statistical ranking. Assessment is conducted, using the component contract, by the Math teacher.
- 5. <u>Country Issue Lesson</u>: Using the California History Standards, each group prepares an informational and engaging lesson detailing a current issue their country faces. Groups will also prepare and present a short oral presentation on their country's issue as a lesson for their peers. Assessment is conducted, using the component contract, by the History teacher.
- 6. <u>Science of a Sport</u>: Student groups identify and evaluate the human body systems necessary for an athlete to perform a specified sport. Groups will produce and present a display board and explain the anatomy, physiology, physics, injuries, and biomechanics of the selected sport. Assessment is conducted, using the component contract, by the Science teacher.
- 7. <u>Global Competition Binder:</u> Student groups keep and maintain a project binder throughout the project containing all revisions, originals, and research used in the project.
- 8. <u>Global Competition Games</u>: Student groups participate in an extensive, simulated, Olympic-style Global Competition which includes both athletic events and a Super Quiz in the content areas. Medals and ribbons are awarded. Assessment is conducted by the Physical Education and content area teachers.

turnitin.com Class IDs and Passwords

All students need to logon at http://www.turnitin.com in order to submit all written work electronically. Turnitin.com stores the papers for future reference, revisions, and also checks them for plagiarism. To login, students need a valid and current email address.

	English	History	Math	Science
East	4084895	4084887	4083611	4083672
North	4084892	4084891	4083612	4083673
South	4084899	4084889	4083614	4083674
West	4084894	4084893	4083616	4083675

Passwords: Mr. Hogan- SoCal, Mr. Daly- Humboldt, Mrs. Thinnes-Fullerton, Mrs. Matthews-Irvine

Time Line and Due Dates:

Return Parent Authorization Form	Friday, September 2, 2011
Country Flag	Friday, September 16, 2011
Country Mascot	Friday, September 30, 2011
Country Issue Paper	Thursday-Friday, October 13-14, 2011
Olympic Statistical Ranking	Friday, October 28, 2011
Country Issue Lesson	Monday-Tuesday, November 21-22, 2011
Science of a Sport	Wednesday-Thursday, January 4-5, 2012
Global Competition Binder	Friday, January 13, 2012
Global Competition Games	Tuesday-Friday, January 17-20, 2012

Materials Lists:

The following is a list of necessary items to complete this project

General - Group	Mascot Sign-Group
and the state of t	

3" Binder with TabsPoster BoardUSB flash memory deviceArt SuppliesCountry Flag-GroupPole or Stick

Felt

Science of a Sport - Group
Project Board

Science of a Sport - Group

Art Supplies
Collage Materials

Web Pages of Use

fabric glue or sewing supplies

http://www.olympic.org International Olympic Committee

http://www.exploratorium.edu/sports/ Science of a Sport

http://www.sirc.ca/Sport Information site (includes sports sciences-biomechanics)

http://www.london2012.org Official Olympic site for the 2012 Summer Games

http://www.sochi2014.com/ Official Olympic site for the 2014 Winter Games

http://www.flags.net World Flag Database

http://www.factmonster.com/ Olympic and other research materials and how to cite

http://whyfiles.org/019olympic/ Science and the Olympics

Evaluation & Assessment

Projects will be evaluated by the instructors and given a rating of Exemplary (E), Approaching Exemplary (AE), Proficient (P), Approaching Proficient (AP), Credit (CR), or No Credit (NC). The evaluation process will take the following factors into account: degree of completion, adherence to contract requirements, neatness, quality, written responses, creativity/originality, aesthetics, group organization, and effort. Each student is required to document her/his contributions to the group project. Project assessments are a part of each interdisciplinary subject and will be assessed as follows:

Project Assessment (all c	Individual Class Work	
LANGUAGE ARTS	50%	50%
SOCIAL SCIENCE	50%	50%
SCIENCE	50%	50%
MATHEMATICS	50%	50%

An "NC" in any project component or classroom assessment will result in an NC for the semester.

Global Competition Binder

<u>Due: Initial: Friday, September 16, 2011</u> <u>Final: January 13, 2012</u>

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House:	N	E	S	\mathbf{W}	Country:
Members:					

Must complete all specifications listed below on time to qualify for assessment.

_	Must complete all specifications listed below on time to quality for assessment.	G 10	- I	В
	A binder containing all drafts, revisions, and final components of the entire semester.	Self	Teach	Rev
	Content:			
	Cover Page including project, country and team member names.			
	• Components			
	• Country Flag-colored picture of actual flag, scale drawing of flag, and photograph			
	of felt flag			
	 Country Mascot-photograph of mascot sign and all individual reports 			
	Country Issue Paper-paper and research			
	Olympic Statistical Rankings-all statistical analyses			
	Country Issue Lesson-lesson plan, handouts, and materials			
	Science of a Sport-photograph of display board			
	Essential Questions			
	• EQ #5 "What is the purpose and consequences of competition?"			
	 Minimum 350 words turned into your house teacher's turnitin.com (Paper version 			
	put in binder, not submitted to teacher)			
	 All Individual Essential Questions must be arranged in the binder, and organized 			
	alphabetically in sequence by group member			
	Technical:			
	Dividers with tabs identifying each section			
	All drafts included			
	All revisions and all assessment forms			
	All research with notes in proper format			
	Assessment contracts			

Country Flag								ent	
<u>Due: Friday, September 16, 2011</u>									
House: Members:	N	E	S	W	Country:				
		_			elow on time to qualify for assessment.	Self	Teach	Rev	
					oup's designated country. ormation that will be used throughout the project.	Sell	Teach	Kev	
					d for assessment				
•	iminary I Drawing Scale in All mea Proporti Picture	g done dicated sureme according to the sureme accordin	on gra l and a ents sh curate color	nph paper accurate nown to originate copied fr	nesday-Wednesday, September 6-7 al flag om original source, showing relative proportions, vn or labeled				
Content:						<u> </u>			
DowTrueOffiAdhIndividuaAns	vel sleeve to Origi cial coun eres to co l Paper wer Esse	e per teanal Flag try colorrected orrected	acher g g (two ors and d techi uestion	specificat o-sided) d design nical draw n #1 "Hov					
	er, not su				is. Thinnes s turnitin.com (1 aper version put in				
Technical	Expecta	tions:							
• Care	erial: Fe eful crafts made fro	smansh	ip	pipe, 48"	long				

	Country Mascot		Assesmen	ent
	<u>Due: Friday, September 30, 2011</u>			
	House: N E S W Country:			
]	Must complete all specifications listed below on time to qualify for assessment.	Self	Teach	Rev
	Mascot sign is created by group and each member writes a report on an indigenous animal	Scii	reacii	Rev
	Preparation Section: must be completed for assessment			
	 Mascot and individual selection approved – October 5-6 Minimum of 3 research articles with clearly labeled sources and individual's name (1 book or magazine) October 8-9 All research must be turned in with report 			
	Content:			
	 Mascot Report-Individual Informative-may include habitat, social organization, life cycle, food sources, distribution, etc Specify complete taxon including: Kingdom, Phylum, Class, Order, Family, Genus, Species in accurate scientific format Bibliography-MLA Format 			
	 Front design to include: Mascot Visual information about animal life style Country name Significant country symbolism Reflection of Olympic spirit Back of sign to include: Team member names Complete classification of mascot. Must include: Kingdom, Phylum, Class, Order, Family, Genus, Species in accurate scientific format and include taxa name Brief explanation of front design 			
	Technical Expectations:			
	 Mascot Reports (Individual) Reports must be from different taxonomic classes & indigenous animals 700 word paper submitted to turnitin.com and a paper copy for teacher Organized with logical arrangement of paragraphs, correct grammar and punctuation (use present tense) 			

• Research turned in with name and source properly formatted & highlighted

Mascot Sign

- Visible from a distance
- Original, hand drawn work
- Neatness/Aesthetics
- Poster size and material of your choice, but must be sturdy and able to be carried by one person.
- Stick or pole securely attached to poster by opening ceremony
- Information on back of sign word processed

3 pieces of research with properly formatted notes Submitted to turnitin.com in addition to a paper copy

				Count	ry Issue Paper		Assesme	ent
		<u>Du</u>	e: Th	<u>ursday-F</u>	<u> riday, October 13-14, 2011</u>			
House:	N	E	S	W	Country:			
_	ete all s	specifi	cation	ns listed l	below to qualify for assessment.			
	will wi	rite a p			rent country issue as preparation for the group	Self	Teach	Rev
 			ıst be	complete	ed for assessment			
• Indivi	duals m	ust ha	ve issi	ue approv	ass September 6-7 with abstracts yed by September 8-9 s October 3-7			
Content:								
ExplaStepsCurrePossi	nation of that have nt status ble futur	of issume been sof properties.	e (incl n take oblem	luding ba n to resol	outcomes.			
Technical:								
EachWrittElectron	group nen in M conically	nembe LA for y spell	r write rmat, 1 -checl	es on a di min 1050 ked	atro, body, and conclusion. fferent issue words members for grammar and mechanics			

Technical

• All work shown for statistical calculations

• Reports must be typed, double-spaced, spell-checked, and proofread

				-	_	Statistical Rankings		Assesme	ent
				<u> </u>	<u>ue: Frid</u>	ay, October 28, 2011			
	House:	N	E	S	W	Country:			
N	Members: _								
	Must compl	ete all s	pecifi	cation	ns listed	below on time to qualify for assessment.			
	Track 10 co	ountries	(incl	uding	your ow	n) by medal standings: Gold, Silver, Bronze, and	Self	Teach	Rev
	Preparation	n Sectio	n: mu	ıst be	complete	ed for assessment			
	• Resea	rch and rch and	docur docur	nent (nent (Gold, Silv GNP, pop	r own) ver, Bronze medals ulation, and countries major food crop tegories of your choice			
	Content:								
	DeternDeternDeternTwo detern	mine IQ mine the mine Pea lifferent	R and Stand arson' types	accurdard E s Correspondence	rately dra Deviation relation (aphs that	mode of all medal standings w a boxplot of all medal standings of all medal standings One per group member) accurately show statistical relationships. Each graph 1/2 x 11), and in color.			
	• Using • Minin binder	your stanum 350 num 350 not sul	r at data) word bmitte	a, ansv ls turn ed to te	ver EQ# 2 led into M	2 "What factors can be predictors in the Olympics?" Ars. Thinnes's turnitin.com (Paper version put in			
	Technical E	Expectat	tions:				1		I

not submitted to teacher)

Presentation Expectations:

Country	y Issue Lesson		Assesme	ent
Due: Monday-Tueso	day, November 21-22, 2011			
House: N E S W	Country:			
Members:				
Must complete all specifications listed be	elow to qualify for assessment.		_	
Country groups will prepare and present pressing problem/issue within their Olym	nt a lesson teaching other students about a mpic country.	Self	Teach	Rev
Preparation Section: must be completed				
Brainstorming				
• Idea/Pass				
• Discuss				
• Vote				
Content:				
Lesson Plan				
Meets one or more of the State's His	•			
Meets one or more of the State's His	story Standards for 9 th -12 th .			
Has clear and concise instructions				
• Includes objectives for the activity	C 1 .: 1 .: 1			
• Includes information sheet necessary				
• Includes a opening explanation for the				
 Uses at least 1 of the "Spicing Up th Engages and educates the students th				
 Includes bibliography of at least 2 so 				
 Total time limit for activity to finish 				
 Includes all necessary handouts for 3 				
• Includes all necessary supplies for 3				
• One teacher copy, stapled, turned in				
 Successfully meets the objectives se 	et			
 All resources must be listed and acq 	uired prior to the day of the lesson			
Is pre-approved				
Independent Paper				
-	pics help a country overcome, face, or lessen its own			
issues?"		1		

• Minimum 350 words turned into Mr. Daly's turnitin.com (Paper version put in binder,

Presentation

- Same objectives are met from above
- Student handouts are produced for class (35 copies)
- All group members actively participate in lesson
- Is professional and appropriate
- Is rehearsed
- Presentation is interesting and engaging
- Clear and easy to understand visuals are used
- Audience is engaged

House:

			Science	e of a Sport	Assesment
	<u>Due</u>	: Wed	lnesday-Th	ursday, January 4-5, 2012	
N	E	S	W	Country:	

Members:

Research and Present the Scientific Aspects of a	Self	Teach	F
Sport			
Preparation Section: must be completed for assessment			
 Selected sport approved Nov 29-30 			
 Initialed research for all sections December 6-7 			
 Minimum of 2 per person, 1 on selected body system 			
Content:			
Project Display Board:			Γ
• Front			
 Title-includes country name and sport 			
 Background (pictures and written) 			
Historical origin			
 Basic rules of competion on how sport played or judged 			
 Unique training requirements and rationale 			
 Equipment: necessary and optional 			
 Explain one example of technological development and its impact. 			
 Clothing 			
 Physical requirements, body types-proportions, size 			
 Anatomy and Physiology (Individual) 			
• Each member of group responsible labeled visual of at least one of the following			
body systems: Nervous, muscular, skeletal, respiratory, circulatory, and endocrine systems.			
 Visual representation for each system with major parts hand-labeled 			
 Provide written description of biomechanical functions of system while performing selected sport 			
• Sports Injury:			
• Minimum of 2 most common			
 Labeled diagram showing anatomy of injuries 			
 Identify cause and consequences of injuries 			
Give medical treatment			
• Physics			
 Demonstrate, with labeled pictures, and written explanations of 2 principles of physics in the sport 			
 Design, write, and solve a realistic mathematical physics problem concerning your sport. 			
• Back			١
75 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

Bibliography: minimum 2 sources per person. Must include books, magazines, and

internet. Must include all research in biblography.

Team members listed

Technical: All members participate				
Format- hand drawn or pre-existing				
Show integration of information				
 Information in own words, summarized and on topic 				
Board organized and sections clearly labeled				
All explanations submitted, as a gro	up, to turnitin.com			
Neatly and aesthetically assembled				
All research turned in on presentation	on day with source, highlighted & identified by name			
Oral Presentation:				
All individuals demonstrate knowle	dge of science and sport			
 Inclusion and accurate pronunciatio 	n of scientific terminology			
 Incorporates display board 				
 Spoken with appropriate volume, cl 	arity and rate			
 Provides accurate and appropriate in 	nformation in understandable fashion			
Well-organized sequence of topics				
All members participate equally				
All members respond appropriately	to questions			
 Professional dress or sport specific 	clothing			
Evidence of rehearsal				
Individual Paper:				
Answer EQ # 4 "How have advance	ements in science and math affected sports?"			
	rs. Matthew's turnitin.com (Paper version put in			
binder, not submitted to teacher)				