

<b>Rubric for Topics in Contemporary Mathematics Olympics Project</b>		
<b>Research and Analysis</b>		<b>70 points</b>
Choose an Olympic Sport that uses either time or distance to determine the winner of the event. Also make sure that the event includes both a Men's and Women's event.	5	
Find the Olympic winning time or distance for each year since the event took place for both men's and women's events. Create a table of values and a scatter plot for this information	15	
For each set of data determine the regression formula. Then predict the winning time or distance for the next Olympics.	30	
Using your formula determine if the Women will ever have a time or distance that would beat the Men's time or distance	20	
<b>Presentation - 5 to 7 min</b>		<b>30 points</b>
Present a brief history of the event to the class. What year it started, what the world records are, etc.	10	
Display the scatter plot and table and explain how they were created	5	
Explain your regression formula	5	
Explain your predications and why you believe they will come true or why you believe it will not happen	10	
Final Grade	100	