

Weight	Element of Project	Basic (1) Has not yet demonstrated the development of the expectation.	Proficient (2) Demonstrates some of the attributes and needs external guidance.	Goal (3) Able to meet the expectations most of the time.	Advanced (4) Meets and exceeds the expectations almost always.	Teacher / Peer Assessment
(A) 4X	Physics concepts are identified and explained	Does not identify physics concepts	Physics concepts identified but not clearly explained	Physics concepts identified with some explanation	Physics concepts identified and fully explained	
(B) 3X	Physics concepts are relevant to the activity/action in the video	Physics concepts identified are not relevant to the activity/action in the video	Physics concepts identified are indirectly relevant to the activity/action in the video	Physics concepts identified are mostly relevant to the activity/action in the video with some errors	Physics concepts identified are closely related to and relevant to the activity/action in the video	
(C) 3X	Different forms of energy and how they are used in the sport/activity are identified and explained	Does not identify different forms of energy	Identifies and explains at least 1 example of potential OR kinetic energy and how it is used in the sport	Identifies and explains at least 1 example of potential AND kinetic energy and how they are used in the sport	Identifies and explains at more than 1 example of potential AND kinetic energy and how they are used in the sport	
(D) 3X	Scientific laws are related to the sport/activity depicted	Does not identify and relate any scientific laws	Identifies and relates 1 scientific law	Identifies and relates 2 scientific laws	Identifies and relates 3 or more scientific laws	
(E) 3X	Physics terms are defined and applied to activity/action in the video	Less than 4 terms appropriately defined and applied to video commentary	4 - 6 terms appropriately defined and applied to video commentary	7 - 8 terms appropriately defined and applied to video commentary	9 or more terms appropriately defined and applied to video commentary	

(F) 2X	Appropriate variables and formulas identified	Less than 2 relationships between variables is demonstrated	2 of 3 (direct, inverse, squared) relationships between variables are demonstrated	1 each (3 total) relationships that demonstrate a direct, an inverse, and a squared relationship between variables	More than 1 direct, more than 1 inverse, and at least 1 squared relationship between variables demonstrated	
(G) 2X	Relationships between variables incorporated into commentary accurately	Less than 2 relationships between variables is demonstrated	2 of 3 (direct, inverse, squared) relationships between variables are demonstrated	1 each (3 total) relationships that demonstrate a direct, an inverse, and a squared relationship between variables	More than 1 direct, more than 1 inverse, and at least 1 squared relationship between variables demonstrated	
(H) 2X	Video and accompanying commentary is of required length	Video and commentary less than 3 minutes or more than 5 minutes.	Video is 3 - 5 minutes. Accompanying commentary fills less than 50% of video.	Video is 3 - 5 minutes. Accompanying commentary fills majority of the video.	Video is 3 - 5 minutes. Accompanying commentary fills more than 80% of the video.	
(I) 2X	Commentary is entertaining and informative	Does not meet requirement		Meets requirement		
(J) 2X	Script with appropriate highlights submitted by due date	Does not meet requirement		Meets requirement		

100 total points