

Nature of science: The ideas of motion are fundamental to many areas of physics, providing a link to the consideration of forces and their implications. The kinematic equations for uniform acceleration were developed through careful observations of the natural world.

Demonstration of Mastery	
I can resolve any vector into its components and express that vector in unit vector notation.	
I can add vectors graphically and/or mathematically.	
I can analyze projectile motion, include the resolution of vertical and horizontal components of displacement, velocity, acceleration	
I can apply my knowledge and understanding of physics to novel situations.	

Demonstration of Skills	
I can evaluate a problem and determine the best approach to solving the problem.	
I follow the problem solving guidelines.	
I express my final answer with units.	
I can evaluate the significance of my final answers (magnitude, sign)	
I can correctly title and label a graph.	
I support conceptual explanations with appropriate physics.	



