

Assessment Feedback Form

Topic: Newton's Laws

Nature of science: Isaac Newton provided the basis of much of our understanding of forces and motion by formalizing the previous work of scientists through the application of mathematics by inventing calculus to assist with this.

Demonstration of Mastery	
I can sketch and interpret free-body diagrams.	
I can describe the consequences of Newton's First Law for translational equilibrium.	
I can apply Newton's Second Law both quantitatively and qualitatively.	
I can identify force pairs in the context of Newton's Third Law.	
I can determine when to apply static friction or kinetic friction.	
I can apply my knowledge of Newton's Laws and kinematics to specific problems.	
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 support conceptual explanations with appropriate physics.	

