

Michael Granillo		1 <sup>st</sup> Quarter	Week Beginning: September 5-8
School Year: 2023-24		Subject: Physics (H)	
Monday	Notes:	Lesson Overview: No School	Academic Standards:
Tuesday	Notes:	Objective: Students will be introduced to Newton's Laws of Motion.  Lesson Overview: 4.1, 4.2 - We begin Chapter 4 today. Students will investigate how objects of differing masses interact with other forces. We will also define what a net external force is.	Academic Standards: P2U1.5
Wednesday	Notes:	Objective: Students will differentiate between mass and weight and how they pertain to inertia. Students will apply these concepts to problems involving friction.  Lesson Overview: 4.3, 4.4 - Newton's first law will be discussed today, and we will learn how to make free-body diagrams to assist us in our problem solving.	Academic Standards: P3U1.6
Thursday	Notes:  Springs	Objective: Students will investigate the claims of Newton's third law and how it applies to tension and propulsion.  Lesson Overview: 4.5 - We will use spring scales to talk about tension.	Academic Standards: P3U2.7
Friday	Notes:  Pep assembly	Objective: Students will apply concepts from this unit in order to solve real-world problems.  Lesson Overview: 4.6 - We will work on 4 problems in order to build fluency with Newton's 3 laws of Motion.	Academic Standards: P3U2.7