

Lorella Williams

Blank Text Set

Text Set Title: Forces & Motion	
Text Set Grade Placement: 8th	
Enduring Understandings	
1. Discovery of the interactions between forces and motion resulting from investigation(s) using various materials. 2. All matter has mass which influences its properties and behavior(s).	
Text and Resources	
(Indicate in what order the supporting works are to be introduced and taught.)	
Anchor Text	Title: "Force and Motion: Facts" Author: idahoptv.org/sciencetrek/force_and_motion
Supporting Works	Book(s) 1. Science A-Z: Force and Motion 2. Classroom text (online text) Article(s) 3. "The Wright Brothers' Invention Process" (Newsela) 4. "The World and the Universe Are Action-Packed" (Kidsdiscover.com) Poem(s) 1. "Did You Ever See A Magnet" 2. Mr. Parr song/poem Infographic(s) 3. Phet Interactive Simulations (Forces and motion) 4. Passmyexams.co.uk (Physics - Forces Simulation) -BBC homepage Other Media 5. Science for Kids --- "Force Facts" 6. Video: Bill Nye: Force and Motion 7. Online video cartoon interactive - Science / Ages 10-11 Supporting Works will be introduced/taught in the following order: 1st - Vocabulary 2nd - Anchor text 3rd - Labs to explore forces and motion 4th - Enrichment - Songs & Online games
Standards	8.PS.2 Motion and stability: Forces & Interactions
Knowledge	Skills
1. Understanding the behavior of magnets with and without electricity.	1. Measuring and calculation
2. Force and motion bring about changes in matter and drive natural cycles.	2. Creating a graphic organizer of concepts
	3. Notetaking skills
Rich, Authentic Task	