Science 8



Physical Science: Forces

Science 8 Curriculum

Power Objective	P.O. #1: Summarize how forces can change the motion of an object. (P.O. #1 Proficiency Rubric)		
Academic Vocabulary	☐ free body diagram ☐ force ☐ friction ☐ drag	□ kinetic friction□ reference point□ net force□ magnitude	□ sum □ applied □ balanced □ unbalanced
Enduring Understandings Students understand that	 Forces have magnitude and direction. Forces can change motion. When the net force is zero there is no change in an object's motion. Motion is measured with respect to a reference point and apparent motion changes depending on the reference point from which it is viewed. 		
Essential Questions	What is motion?How do net forces change magnitude and direction?		