Rendezvous with a Comet

Standards Alignment

Science

PS1.A Structure and Properties of Matter 5-PS1-1 Use a model that describes that matter is made of particles too small to be seen. 5-PS1-3 Make observations and measurements to identify materials based on their properties. 6-PS1-4 Describe changes in particle motion in different states of matter. 7-PS1-1 Recognize structures such as crystals. 7-PS1-2 Identify the difference between physical properties and chemical properties. PS2-A Forces and Motion 8-PS2-1 8-PS2-2 Calculate the amount of force needed to achieve a change in motion. PS2.B Types of Interactions 8-PS2-3 8-PS2-3 Use models that describe how electromagnetic forces can be repulsive. 8-PS2-4 Use a model that describe how electromagnetic forces can be repulsive. 8-PS2-5 Use models that describe how electromagnetic forces can be repulsive. 8-PS2-6 Use a model that describe how temperature is related to the energy of an atom or molecule. PS3.A Definitions of Energy 6-PS1-4 Use data to describe that waves are reflected by certain materials. PF4.B Electromagnetic Radiation 6-PS4-2 Use the wave model of light to explain how frequency and color are related. ESS1.B Earth and the Solar System 8-ESS1-2 Analyze paths of objects orbiting the Sun. 8-ES2-			
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