

Subject Science	Grade Second	Standard 3. Physical Science	Objective 1. Communicate observations about falling objects.
Content Big Ideas			
(F) Things near the earth fall to the ground unless something holds them up.	(PoS) When science investigation is done the way it was done before, we expect to get a very similar result. (NoS) Sometimes people aren't sure what will happen because they don't know everything that might have an effect. (CoS) When doing science activities, it is often helpful to work with a team and share findings with others. All team members should reach their own individual conclusions, however, about what the findings mean.	Standard 1 Big Ideas – Intended Learning Outcomes (T) People use appropriate tools and models to investigate the world. (A) People working alone or in groups often invent new ways to solve problems and get work done. (S) The tools and ways of doing things that people have invented affect all aspects of life.	
Indicators: Measureable Outcomes framed by Standard 1 Big Ideas Indicator 1. Observe falling objects and identify things that prevent them from reaching the ground. Indicator 2. Communicate observations that similar objects of varying masses fall at the same rate.			
Science language students should be able to use correctly: communicate, observations, identify, demonstrate, investigate, data, conclusions, motion, weightlessness, prevent, various.			
Guidance for Combining Content and Process Guidance for Combining Science, Technology, and Society			
Suggested Strategies In small groups, students can make and communicate observations about falling objects. (L) (PoS) (CoS) Students can name and/or develop things which prevent objects from reaching the ground. (FA) (PoS) (CoS) Students can conduct simple experiments (make predictions, gather data, and draw conclusions) to investigate the rate of falling for similar objects of varying masses (large rock/small rock, full bottle/empty bottle). The products could include: prediction charts, journals, etc. (L) (M) (PoS) (CoS) (NoS)			
Physical Science (A) Atomic/Molecular (F) Force and Motion	Curriculum Connections (M) Mathematics (L) Language Arts	Processes, Communication, and Nature of Science (PoS) Processes of science (CoS) Communication of science (NoS) Nature of science	Applications: Science, Technology, and Society (T) Tools of science (A) Applications of science (S) Implications of science for people