

Changes-1st Grade

October 11, 2012

Timeframe 10 weeks

Standards	Assessment/ Student Evidence	Academic Vocabulary	Resources
INQA Scientific investigations involve asking and trying to answer a question about the natural world by making and recording observations.	<ul style="list-style-type: none"> • Ask questions about objects, and events in their environment. • Observe patterns and relationships in the natural world, and record observations in a table or picture graph. 	Observation	<i>Changes</i> Teacher Guide by Science and Technology for Children Class book set of: <i>Changes</i> by Kids Discover
INQC Scientists develop explanations using recorded observations (evidence)	Describe patterns of data recorded, using tallies, tables, picture graphs, or bar-type graphs		
INQD Scientists report on their investigations to other scientists, using drawings or words.			
INQE Observations are more reliable, especially if repeated by different people.			
INQF All scientific observations must be reported honestly and accurately.			
APPC A problem may have more than one acceptable solution.	Develop two possible solutions to solve a simple problem.		

Power Standards in green

Complementary Standards in yellow

Standards	Assessment/ Student Evidence	Academic Vocabulary	Resources
APPD Counting, classifying, and measuring can sometimes be helpful in solving a problem.	Apply the abilities of counting, measuring, and classifying to solving a problem. (eg. sort and classify objects as solid & liquids and determine qualities of each.)		
APPA Common tools can be used to solve problems.			
APPB Different materials are more suitable for some purposes than for other purposes.			
PS2A Liquids take the shape of the part of the container they occupy.	Predict the shape of the part of the container they occupy.	Liquids Container Shape	
PS2B Solids retain their shape regardless of the container they are in.	Predict that frozen water will retain its shape when moved among containers of different shapes	Solids	
PS2B (2-3) An object may be made from different materials. These materials give the object certain properties.	<ul style="list-style-type: none"> List properties of common materials. Compare similar objects made of different materials and explain how their properties of similar and different. 	Properties	
PS2A (2-3) Objects have properties, including size, weight, hardness, color, shape, texture, and. Unknown substances can sometimes be identified by their properties.			

Power Standards in green

Complementary Standards in yellow