

Science Process Skills

Science Process Skills	Lesson #1	Lesson #2	Lesson #3	Lesson #4
Observing				
Identifies object properties	●	●	●	●
Uses senses to observe concrete, familiar objects	●	●	●	●
Differentiates between models and the real thing				●
Uses measurement tools to record observations				
Uses tools to observe objects or events	●		●	
Describing				
Describes key attributes of objects	●		●	●
Creates drawings or models depicting objects				●
Describes changes in objects		●	●	●
Discusses changes in variables that affect an investigation				●
Categorizing				
Notices similarities and differences	●	●		
Sorts objects into groups using one attribute at a time		●		
Establishes own sorting criteria				
Sorts objects using multiple attributes				
Provides reasoning for grouping objects		●		
Predicting				
Verbalizes thinking	●	●	●	●
Recognizes and extends patterns		●	●	
Makes simple predictions		●	●	●
Makes predictions based on observations		●	●	●
Uses estimation to make quantitative predictions				
Experimenting				
Investigates models of objects/phenomena				●
Manipulates materials	●	●	●	●
Identifies factors that might affect the outcome of an experiment		●	●	●
Participates in collecting data				
Interprets data using symbols or graphs				
Performs trial-and-error investigations		●	●	●
Drawing Conclusions				
Makes verbal interpretations of observations	●	●	●	●
Finds patterns from data collected				
Connects findings from an investigation		●	●	●