

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				