

Discovering Shells

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		●		