Magnificent Magnets

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	●	●	●	●