Blocks Measure Up

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				●