

When students are learning science through investigations, the classroom looks, sounds and feels different. Use these checklists to compare your classroom activities before and after conducting experiments with enzymes.

URL: gopher://gopher.rbs.org:70/00/DataBases/programs/Keywords/outcomes.txt

Keywords for Outcomes of Ability in Scientific Process Skills

Abstract Reasoning	Formulating Models	Process Skills
Analyzing	Generalizing	Recognizing
Classifying	Graphing (mathematics)	Productive Thinking
Collecting and Recording Data	Hypothesizing	Proportional Reasoning
Communicating	Identifying Attributes	Reasoning
Comparing	Inferring	Patterns
Computational Operations	Interpreting Data	Reinforcement
Conceptualizing	Listening Skills	Sampling
Controlling and Manipulating Data	Logical Thinking	Science Process Skills
Creative Thinking	Making Operational Definitions	Scientific Literacy
Critical Thinking	Mathematical Literacy	Sequencing
Decision Making	Measuring	Spatial Ability
Divergent Thinking	Metacognition	Thinking Skills
Environmental Awareness	Observing	Using Decimals
Estimating	Planning	Using Equations
Evaluative Thinking	Predicting	Using Percentage
Experimenting	Problem Solving	Visualizing