Process Skills and Associated Thinking Levels Involved in Conducting An Inquiry Project

Process skill	Thinking level (Bloom's)
Observation	Knowledge
Predicting	Comprehension
Hypothesizing	Application
Identifying and controlling variables	Application
Collecting data	Comprehension
Interpreting data	Analysis
Inferring	Analysis
Making tables and graphs	Analysis
Communicating	Analysis, synthesis, evaluation

Table 1, The Virtual Vee Map, A Template for Internet Inquiry (Coffman, Riggs, Journal of College Science Teaching, p. 32-39, September, 2006).