

Wednesday, September 14, 2005



Scientific Thinking

Explain to students that all scientists rely on experimentation to arrive at conclusions and that they adhere to the scientific method for their work.

As a class, discuss the scientific method: state the problem; form a hypothesis; observe and experiment; interpret the data and draw conclusions. Brainstorm how and why this method works.

Have students look through today's paper for articles that illustrate the concept of experimentation. These could include anything from an experimental medical treatment to a new cable TV system...even a new curriculum being tested in a school system. Select one article of interest to the students and have them discuss it. Try to determine some basic information about the problem that led to the eventual experiment. Also, have students discuss the hypothesis, controls and variable involved in the experiment. Have the class vote on whether or not this experiment is being done scientifically. Brainstorm ways in which the experiment could be performed better.

FOR FURTHER INFORMATION, PLEASE CALL:
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