



Benchmarks Related to NCSS *Standards*

Chapter 12: Habits of Mind

Values and Attitudes, grades 9-12

Know why curiosity, honesty, openness, and skepticism are so highly regarded in science and how they are incorporated into the way science is carried out; exhibit those traits in their own lives and value them in others.

Communication Skills, grades 6-8

Organize information in simple tables and graphs and identify relationships they reveal.

Communication Skills, grades 9-12

Participate in group discussions on scientific topics by restating or summarizing accurately what others have said, asking for clarification or elaboration, and expressing alternative positions.

Critical-Response Skills, grades 6-8

Compare consumer products and consider reasonable personal trade-offs among them on the basis of features, performance, durability, and cost.

Critical-Response Skills, grades 6-8

Be skeptical of arguments based on very small samples of data, biased samples, or samples for which there was no control sample.