



Goals Related to *Resources for Science Literacy*

KNOWLEDGE

Participants should know that . . .

1. *Resources for Science Literacy: Professional Development* includes descriptions of recommended science tradebooks and university course syllabi (to improve teachers' understanding of science, mathematics, and technology and their interconnections); comparisons of *Benchmarks* to *NSES* and to *NCTM* and *NCSS* content standards; *Benchmarks* workshop modules (to help teachers understand the intent of science literacy and learning goals and how they can be used to improve curriculum, instruction, and assessment); and descriptions of research articles and videos that illustrate difficulties student have learning science concepts.
2. *Resources for Science Literacy: Curriculum Materials* will include a procedure for analyzing how well curriculum materials address science literacy and descriptions and analyses of various curriculum materials.

ATTITUDE

Participants should believe that *Resources for Science Literacy: Professional Development* will be useful in three contexts—pre-service education, in-service staff development programs, and self-directed professional growth.