



Goals Related to Science Education

ATTITUDES

Participants should know that . . .

1. Science education is not working for most students, even in the best schools.
2. Science educators need a coherent set of K-12 learning goals.
3. Many science educators are not aware of how poorly almost all students are learning.
4. Educational reform will have to continue over many years as educators and educational systems change.
5. Science literacy is critical for all students, not just for those who will choose science as a career.

POSSIBLE MISCONCEPTIONS

Science education needs only a little fine tuning.

Science educators can pick and choose goals.

Most science educators recognize that many students do not learn well.

Science education needs an immediate single fix, such as more hands-on learning.

Science is really just for those few students who want to be scientists and engineers.