

OPAS Initiative

Criteria for choosing between paradigms for improving K12 Curricula

7/11/06

High-level Criteria:

A. Positive impact on (in priority order)

- Number of college students who choose engineering or applied science as their major
- Level of preparedness of those who choose engineering or applied science.
- Diversity of students choosing engineering or applied science
- Depth of understanding and retention of knowledge of Oregon high school students as measured by national and international tests.
- Technical literacy of all students.

B. How soon impact will occur.

C. Relative level of risk.

D. Relative costs, complexity.

E. Leverage of interest and expertise of participants of OPAS Initiative.

F. Potential for obtaining needed funding