



## Strand Map: Considering Costs and Benefits of Technology

### Introduction

This array of benchmarks leads to the *Science for All Americans (SFAA)* goal that (a) technology-related issues are rarely simple and one-sided, and (b) in deciding on proposals to introduce new technologies to curtail existing ones, some key questions arise concerning alternatives, risks, costs, and benefits (*SFAA*, Chapter 3: The Nature of Technology).

Generalizations about costs and benefits of technology are reinforced by examples of costs and benefits of specific technologies. Some examples are included in this strand; additional examples can be identified in *Benchmarks for Science Literacy* with the help of the Also See box (in *Benchmarks on Disk* the SEE ALSO command in the BROWSE window).



# Strand Map: Considering Costs and Benefits of Technology

