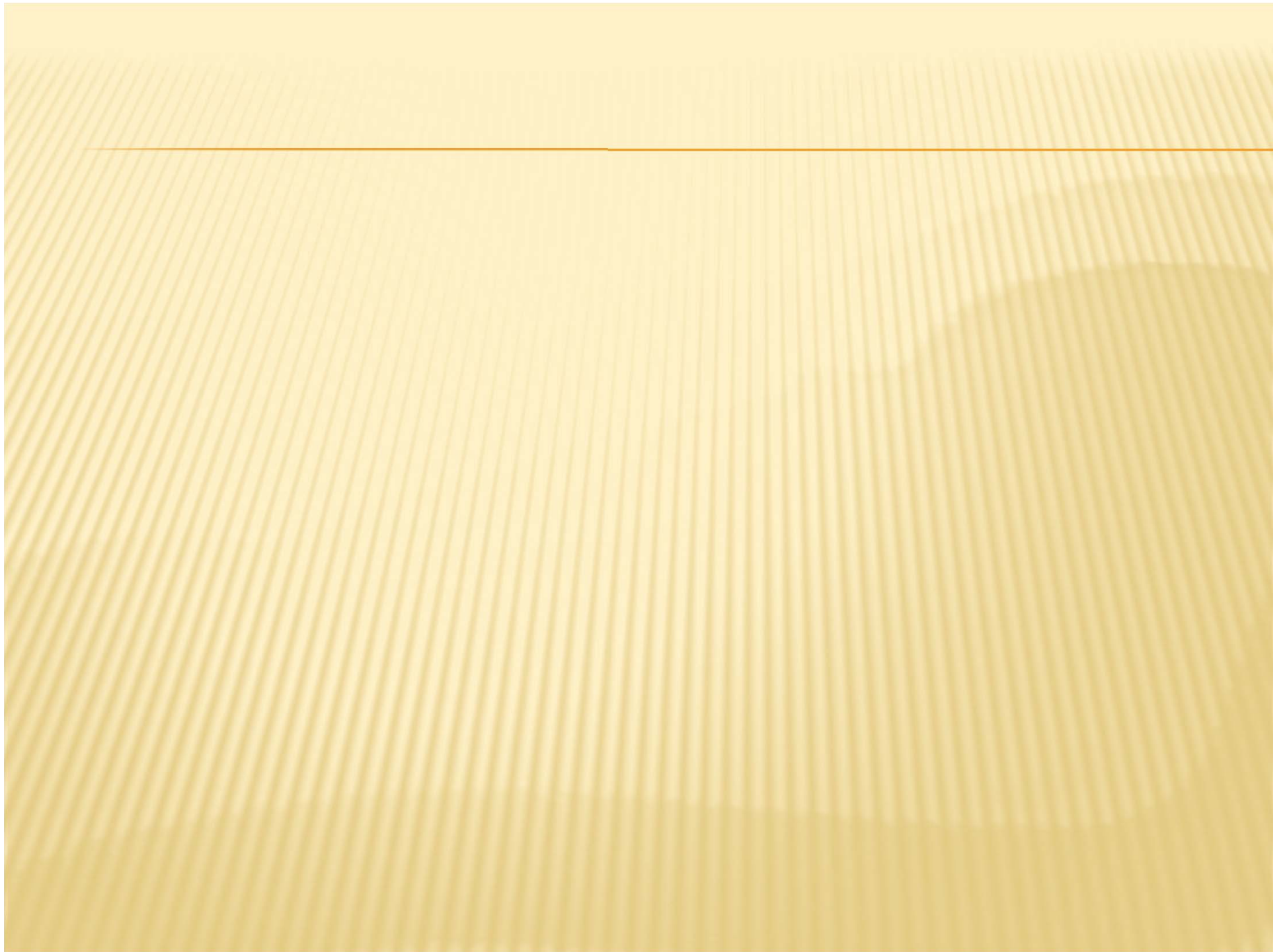


How Computing Changed the World



Jan 17, 2012



**STRENGTHENING
COMPUTER SCIENCE EDUCATION IN
GRADE SCHOOLS**

COMPUTER SCIENCE EDUCATION ACT

× HR 3014

- × Congressman Polis (Colorado)

- × <http://www.youtube.com/watch?v=063JN4h06eI>

- * (start at 1-minute mark)

ACTIVITIES FOR STUDENTS

- ✘ AP Computer Science
- ✘ Brevard Science Fair
 - + Computer category
- ✘ USA Computing Olympiad
 - + www.usaco.org
- ✘ FIRST Robotics Competition
 - + www.usfirst.org

OUTREACH ACTIVITIES (FLORIDA TECH)

- ✗ Fall
 - + Mentoring Science Fair projects
- ✗ Spring (January)
 - + Community lecture
- ✗ Spring (February-March)
 - + Visiting high schools
- ✗ Summer (July)
 - + Summer camps
- ✗ CSE 1010: Ideas and Impact of Computing

NATIONAL SCIENCE FOUNDATION

- + CE21 (Computing Education for the 21st century)
 - × Proposal: Florida Tech + high schools
 - * Summer workshops for teachers
 - * Online repository of teaching materials