

GORDON J. LAU ELEMENTARY TECHNOLOGY EDUCATION PLAN

TECHNOLOGY EDUCATIONAL STANDARDS

The following goals form the basis of how technology implementation at Gordon J. Lau Elementary.

http://www.education-world.com/standards/national/technology/k_12.shtml lists general goals for elementary school nationwide

<http://www.cde.ca.gov/ci/ct/sf/> lists technology goals for grades 7 to 12 for California.

TECHNOLOGY IMPLEMENTATION PLAN AT GORDON J. LAU ELEMENTARY

Generally, the plan for technology implementation cover 3 areas --

- a. basic computer operation and concepts
- b. ethical and responsible use of technology, and
- c. using technology as a research, organization, what-if, and presentation tool.

ACTIVITIES

k to 1st grade

- students learn the basic operation and parts of technology
- students use software that enhance learning in math, reading, spelling, writing, vocabulary development, and cognitive problem solving skills. Software frequently used are at <http://www.gjles.org/>

2nd to 3rd grades

- students learn the basic operation and parts of technology (logging in, using accounts, server, printing)
- students use software that enhance learning in math, reading, spelling, writing, vocabulary development, and cognitive

problem solving skills. Software frequently used are at <http://www.gjles.org/>

- students learn and regularly practice keyboarding skills
- students use presentation and word processing software to do focused writing assignments and presentations
- students use a spreadsheet program to create and display data in graphical form

4th to 5th grades

- students integrate the basic operation, parts and integrated concepts of technology to create projects (adjusting settings, scanning, imaging, printing)

- students use software that enhance learning in math, reading, spelling, writing, vocabulary development, and cognitive problem solving skills. Software frequently used are at

<http://www.gjles.org/>

- students learn and regularly practice keyboarding skills
- students use creation and presentation software to create and to present research reports (use of search engines to find articles, word definitions, maps, facts and articles to include in reports)
- students use a spreadsheet program to create and display data in graphical form

A student completing the full technology curriculum at Gordon J. Lau Elementary by 5th grade will be able to utilize technology to produce academic products and have a foundation in keyboarding.