

1) Literacy in Digital Age

- A) INFRASTRUCTURE
 - (i) reliable, stable and high-speed
 - (ii) increased teacher confidence
- B) LANGUAGE ARTS STANDARDS: viewing and presenting
 - (i) Foundations (1-3) Plan and present a report using two or more visual media.
 - (ii) Essential (4-8) Plan, develop and produce a visual presentation, using a variety of media such as videos, film, newspapers, magazines and computer images.
 - (iii) Proficient (9-12) Plan, organize, develop, produce and evaluate an effective multimedia presentation.

2) Technical Skills and Applications

- A) SKILLS AND KNOWLEDGE TAUGHT
 - (i) Keyboarding
 - (ii) Knowledge of network
 - (iii) Cutting and pasting
 - (iv) Locating appropriate information on Internet and electronic media
 - (v) Research skills: documenting and evaluating sources
 - (vi) Graphing skills
 - (vii) Image editing
 - (viii) Use digital camera, scanner, digital camcorder
- B) APPLICATIONS
 - (i) Word processing (Image and text)
 - (ii) Desktop Publishing
 - (iii) WWW design
 - (iv) Multi-media presentations
 - (v) Spreadsheets

3) Sample Projects

- A) KINDERGARTEN: Drawing and text
- B) 1ST GRADE: Clip art and text
- C) 2ND GRADE: Personal biography with digital picture
- D) 3RD GRADE: Information from Internet for multimedia Earth Day Presentation
- E) 4TH GRADE: Creating graphs on Presidents
- F) 5TH GRADE:
 - (i) Multimedia presentation on Greece, based on correspondence with Greek class and research
 - (ii) Aims preparation through booklets from AZ Dept, of Ed Site and reading comprehension tasks
- G) 6TH GRADE: Robust cultural exchange with a 6th grade class from Patras, Greece; involving opening accounting, sending and receiving mail, posting pictures, research, group collaboration
- H) 8TH GRADE:
 - (i) Storytelling recorded digitally based on Internet task sheet.
 - (ii) Electronic portfolio
 - (iii) Newsletter with desktop publishing and digital photos.
- I) 10TH GRADE: Electronic portfolio (<http://www.roughrock.bia.edu/eng593>)