

American Association for Health Education Technology Workshop:



AMERICAN ASSOCIATION
FOR HEALTH EDUCATION

WebQuest

Internet Learning Experiences for Health Education

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AAHE Technology Workshop: Why Use Technology in Health Education ?

■ *Benefits of Technology Use in Health Education:*

- Exposes students to multiple types of learning through multiple modalities:**
- Provides a safe environment in which to utilize and develop skills to integrate technology into instruction.**
- Technology is becoming an integral part of instruction in public schools.**
- Effectively assists in meeting National Health Education Standards.**



AAHE Technology Workshop: The World of a Health Educator

- ***The average home of families with a child between ages 6-13:***
 - Has 4 televisions.
 - 99% have a DVD and/or VCR.
 - 88% have a Video Game console.
 - 85% a Computer.
 - Over 50% have internet access.

Hersey, J. C., & Jordan, A. (2007). Reducing children's TV time to reduce the risk of childhood overweight: The Children's media use study. Retrieved January 16, 2009, from http://www.cdc.gov/nccdphp/dnpa/obesity/pdf/TV_Time_Highlights.pdf

AAHE Technology Workshop: The World of a Health Educator.

■ *The average first grader:*

- Spends 51 minutes per day playing video games
- 14 minutes using computers
- 172 minutes of daily television viewing.

■ *The average middle school student:*

- 109 minutes daily playing video games.
- 79 minutes daily using computers.

Hersey, J. C., & Jordan, A. (2007). Reducing children's TV time to reduce the risk of childhood overweight: The Children's media use study. Retrieved January 16, 2009, from http://www.cdc.gov/nccdphp/dnpa/obesity/pdf/TV_Time_Highlights.pdf

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■ *Students in today's classrooms:*

- Have never known life without a computer.
- Have never known life without a video game console.
- Have never known life without a cellular phone.
- Have never known life without the internet.

AAHE Technology Workshop: Guidelines for Appropriate Practice

■ *Instructional Technology:*

- Is designed to be a tool for increasing instructional effectiveness.**
- Is designed to be a supplement not substitute for effective instruction.**
- Should provide opportunities for all students versus opportunities for few.**
- Can be an effective tool for maintaining student data related to standards based curriculum objectives.**

AAHE Technology Workshop: What is a Web Quest?

■ *Web quest:*

- An inquiry-based lesson format**
- Most or all the content information comes from the web based resources**

■ *Two Primary Types*

■ *Short Term-*

- 1-2 class periods in length.**

■ *Long Term-*

- An on going process that perhaps results in the development of a project based product.**

AAHE Technology Workshop: What is a Web Quest?

■ Web Quests can.....

- Help Students Develop Positive Attitudes and Perceptions about learning.**
- Help Students Acquire and Integrate Knowledge**
- Help Students Extend and Refine Knowledge**
- Help Students Use Their Knowledge in Meaningful Tasks**
- Help Students Develop Productive Habits of Mind**

Marzano, R. J., Brant, R. S., Hughes, C. S., Jones, B. F., Presseisen, B.Z. et al. (1988) *Dimensions of thinking: A framework for curriculum and instruction*. Alexandria, VA: Association for Supervision and Curriculum Development.

Marzano, R. J. (1992). *A different kind of classroom: Teaching with dimensions of learning*. Alexandria, WA: Association for Supervision and Curriculum Development.

AAHE Technology Workshop: Components of a Web Quest

■ Steps in the Process:

■ Introduction:

- Sets the stage and describes the “Quest” providing background information**

■ Task:

- Outlines the key steps that the student must complete in completing the “Quest”**

■ Information Sources:

- Contains the key information web links that students will use to complete the tasks.**

■ Process:

- The actual tasks and methods of documentation for their completion.**

AAHE Technology Workshop: Components of a Web Quest

■ Steps in the Process:

- ***Web-Quest Teacher Education Project***

- ***www.derrick-mears.pbwiki.com***

