Technology Integration Ideas

TechnoResearch integrates into any curriculum-based research project because the topic is open-ended. Teachers can apply it to numerous areas of study within social studies, science, history, or geography. The activities include a systematic approach to the development of research skills, providing a foundation for future learning.

The project follows stages of the research process.

- *Planning Stage*: Students establish a topic and develop a research plan. To start they broaden their knowledge to explore the possibilities. Next, they generate a word list to highlight what they currently know. From this list, they narrow their focus by posing guiding research questions.

- *Information Retrieval Stage*: Students gather facts from multiple sources and organize them using an outline. They apply research strategies to find trustworthy information quickly. As well, they learn how to track sources.

- *Information Processing Stage*: Students synthesize information to transform it into a fact card for children. To avoid plagiarism, they paraphrase the text into their own words. Word processing skills are applied to present findings in an interesting way.

- *Information Sharing Stage*: Students present the final product. Fact cards are combined with classmates' cards to create a Fun Fact Collection. The collection can be placed in the classroom or library or posted to the Internet as a helpful resource to children.

- *Evaluation Stage*: Students reflect upon their learning. They assess research procedures and skills. Connections are made to how this learning can be applied to future situations.

TechnoResearch fits in with a multitude of teaching situations.

- *Library Media Specialist*: A teacher librarian can use the activities to teach essential research skills with a focus upon information retrieval, plagiarism, and citing the source.

- *Subject-Specific or Classroom Teacher*: The teacher can include the activities as part of a curriculum unit to have students acquire knowledge in a meaningful way.

- *Computer Teacher*: The computer teacher can use the activities to teach valuable Internet search strategies and word processing skills.

- *Language Arts Teacher*: The teacher can include the activities as part of language arts unit that focuses upon report writing and organizational strategies. The fact card can easily be transformed into a report by adding an introductory and concluding paragraph.

Understand the Big Picture

Not sure where to integrate TechnoResearch? View samples to gain a better understanding of the project. The *Pioneer, Space, and Biography* Fun Fact Cards showcase a range of topics. Study the content, layout, and design.