

Lesson Plan

Grade level(s): 7

Topic: Understand the Relationship between Science and Technology—lesson 4 of 4

Objective—Content: I will understand scientists' contributions to science.

I will know how science and technology and are interrelated. 7.S.5.2.1

I will know how to interpret graphic features of text to clarify and extend meaning. 7.LA.1.2.3

Language: I will explain how science advances technology. 7.S.5.2.2.

I will write a research report with facts, details, and examples from multiple sources. 7.LA.4.2.2

Big6 Skills: Location and Access; Use of Information; Synthesis

Materials required: library's Research Lab; online databases (to include LiLI); bookmark with remote access passwords for online databases

Time required: 50 minute period

Description of activities:

- Refocus students on task and keywords from their generated questions.
- Refer students to handout's guidelines:
 - Use a minimum of four resources; at least two are online databases.
 - Determine what resources are available in LiLI-D and other online databases.
 - +Review/model searches for magazines and audio/videos on eLibrary Curriculum Edition, etc.
 - Search and determine if resource is usable.
 - +Scan, skim, and examine graphic features for information.
 - If usable, summarize or paraphrase the main idea in word processing program.
 - +Be accurate and complete.
 - +Cite source using "Citation Help" on the District's Library Resources web site.
 - +Continue "Works Cited" page.
 - +Save in network folder.
 - From handout's guidelines:
 - Review your notes and begin to plan the report:
 - +Do I have the information to solve the information problem for my scientist?
 - +Jot down the main idea of your paragraphs and briefly list the details and examples under each main idea.
 - Remember the final part of the project is to participate in a class discussion/debate on the most significant contribution by the scientists we researched and the resulting advance in technology.

Assessment:

- Instructor(s) circulates to observe students as they search the online databases, gather sources, and determine if usable.
- Instructor(s) focuses on observing selection of main ideas and details as students start sketching out their reports.