Grade Level: 5

Materials
- Students will have access to a computer connected to the Internet.
- Students will have access to the web site
  www.oslis.k12.or.us/elem/howto/findfo01.html

Prerequisite Skills
Students will have basic knowledge of web navigation skills.

Standards
CCG 1, 2
Gr5 1, 2, 3
NETS 1, 3
Big6 3.1, 3.2
ILS 2, 4, 7

Lesson Objectives
Through class discussion and hands-on practice, students will learn to use online research tools in order to find information quickly and efficiently.

Anticipatory Set
Ask students how they would go about locating information in the Internet. Have students share examples of their experiences using the Internet.

Stated Objective and Purpose
"Today, you will learn search strategies that you can use when looking for information on the Internet. By learning these strategies, you will be better equipped at locating information for your research project."

Learning Activities/Procedures
- Have students login and follow along to
  www.oslis.k12.or.us/elem/howto/doresearch.html
- Discuss the following concepts: Keyword and Subject searches, Boolean operators, Quotation marks, Natural Language Search, Truncation, Wildcards and Spelling.
- Give demonstrations showing some applications of search tools using
  www.yahooligans.com and KidsClick! at http://sunsite.berkeley.edu/KidsClick!/
- Have students complete the self-check at the end of the lesson.

Adaptation for Special Needs & Multiple Intelligence's
Monitor student understanding, assign helper student if needed.

Closure
Review the concepts of online searching and begin the transition to focus on Boolean operators that will be the subject of the next two lessons.

Assessment
- Class participation during discussion.
- Self-check quiz at end of lesson (ungraded).

Reflection
This lesson had the best class discussion of any so far. Following along on the OSLIS web site helped the students stay better focused, although some students would click ahead and get lost. Throughout the lesson, I would attempt to provide further examples for each concept taught and demonstrate to the class how the application of that concept would work on the "real" web. Students were eager to share their experiences using the web and how some of their searches (for game cheats mostly) would not always be successful. I attempted to relate their experiences to the concepts taught and encouraged them to use these tools the next time they were surfing around. If I had more time at the end of this class period, I would have liked to have given the students the opportunity to practice these skills on something that interested them personally. Next time I teach this unit, I will build time in for that practice.