



3.10 Research Lesson #1- using Nettekter

Prerequisite Skills and Knowledge

- ∞ Students should have basic mouse and keyboarding skills.
- ∞ Knowledge of how to enter URL's and how to navigate websites

Time Required

- ∞ Mini-lesson and guided practice: 15 minutes for mini-lesson; 20-25 minutes for guided practice; additional time may be needed to find 2 facts.

Materials

- ∞ Computer lab, Internet access, LCD projector, Kidspiration loaded on Student computers
- ∞ Shortcut on student computers for school.nettekter.com OR have URL written so students can enter the address themselves.
- ∞ TOPIC: Coordinate with the classroom teacher about the topic for research OR choose a topic of your own. Students will have best results if they know what information they need to find or what questions they need to answer BEFORE starting their research. NOTE: optional- students may work in pairs to complete this lesson.
- ∞ The information they've learned and recorded will be used with the next 3 lessons.

Intended Learning

- ∞ Students will use Nettekter to locate websites for research in order to learn how a search engine works.
- ∞ Students will collect at least 2 facts from websites they located using Nettekter, and they will write those facts in Kidspiration in order to learn how to multi-task between two programs.

District Technology Standards

Uses Technology Effectively

- Basic Vocabulary
 - Browser URL, window, minimize, maximize, search engine
- Navigation
 - Multi-tasks between multiple applications
 - Graphic Organization tools (Kidspiration/Inspiration)
 - Uses graphic organizer for webbing, mapping, and paragraph development
- Internet Safety
 - Consults with parents or teachers before communicating on the Internet.
 - Reports to parents or teachers when inappropriate or offensive material is accessed or received.

Big Ideas from Literacy Guide- Unit 6 - Reading & Writing

- Gather information from electronic sources
- Read Information for specific purpose
- Organize information using graphic organizers

Mini-Lesson

Notes

Connection - preparing students' thinking

Who has heard of Google? What is it? How does it work?

Teaching - Mini Lesson

With students seated in front, explain to students that in this lesson they will be learning how to use the search engine Nettekter and then locate facts from the websites generated by the search engine. They will also be **multi-tasking** between two programs to record what they've learned.

Model for students how to get to school.nettekter.com. Explain what a **search engine** is and show students how the **search engine** works. Explain how to access the website results. Remind students how to effectively navigate websites to find information.

Next show them how to **multi-task** between the **browser** and Kidspiration by **minimizing** the **window** and opening Kidspiration where they will record the facts they learned about their topic. Model for students how to set up the graphic organizer so they can organize the facts.

Model how to then **maximize** the Internet browser **window** to go back to the search engine to visit the next website and continue to locate information.

Students should write the facts in complete sentences.

Last, remind students of Internet safety and what they need to do if they come across inappropriate websites or material.

Active Engagement - Guided Practice

Seated at computers, students will open the Internet browser, type in the URL, or use the shortcut already created for them. They will use Nettekter to locate information. They will open Kidspiration and begin to record the facts they've found.

Independent Practice

Teacher

- ∞ Circulate and assist individual, check to that students are correctly using the search engine, locating information, and recording the information into Kidspiration.

Students

- ∞ Work individually or in pairs to use Nettekter to find websites where they will locate information on their topic.
- ∞ They will record the information in Kidspiration.
- ∞ When they finish, they will save their graphic organizers **so they can use it for the next lessons.**

Sharing/Closure

- ∞ Ask for any difficulties they encountered. What was easy? What was difficult?
- ∞ Students share some facts they learned in pair/share. Have two students share what information they learned.

Assessment

- ∞ Progress/Monitor for daily participation using a checklist as you walk around and observe students. Using a rubric with a score of 1-4, a "3" is given if the student actively participates, and is able to locate and record 2 facts.