# 5 Tech - Research and Information Fluency

Content Area: **Technology** 

Course(s): Technology Education 2
Time Period: Marking Period 1

Length: **8 days** Status: **Published** 

#### **Established Goals/Standards**

Please choose the appropriate Goals/Standards from the Standards tab above.

TECH.8.1.5.E.1 Use digital tools to research and evaluate the accuracy of, relevance to, and

appropriateness of using print and non-print electronic information sources to complete a

variety of tasks.

TECH.8.2.5.D.1 Identify and collect information about a problem that can be solved by technology,

generate ideas to solve the problem, and identify constraints and trade-offs to be

considered.

TECH.8.2.5.D.CS1 Apply the design process.

### **Essential Questions**

Please add your Essential Questions by clicking on the Lists tab above.

- · How can I express and effectively communicate ideas?
- How effectively was information used?
- What skills and strategies are needed to gatrher infromation effectively, solve problems, and conduct research?
- Why and how do I evaluate information for accuracy, relevance, and validity?

# **Enduring Understanding**

Please add your Enduring Understandings by clicking on the Lists tab above.

- A variety of skills and strategies facilitate research.
- Information must be evaluated and processed to determine accuracy, relevance, and validity.
- Ongoing assessment improves research, information skills and strategies.
- Questions guide research.
- The appropriate choice of infromation and media allows us to communicate effectively.

#### **Content**

Use Big 6 research model to plan and execute a research assignment

Evaluate the accuracy and relevance of specific information located through databases and input digital presentations

Use a wide range of resources including encyclopedias, atlases, dictionaries, and maps.

Locate selected sources in approprioate areas of the Media Center.

Use icons and links to visit pre-selected websites. (e.g. National Geographic Kids, PebbleGo! WorldBook Online)

Use keyword, power, and advanced searching to locate information.

Use a computer to draw illustrations conveying thoughts and ideas. (Kidspiration, Google Draw, Mindster)

## Resources

Please add your Resources by clicking on the Lists tab above.

- Easy Bib
- Ebsco
- Google Docs
- Google Research Tool
- Kidspirtation
- National Geographic Kids
- Noodle Tools
- Print and Online Dictionary, Atlas, Almanac, Encyclopedia
- World Book Online