Unit 4: Technology

Content Area: **Media Center**
Course(s): **Media 2**
Time Period: **Generic Time Period**
Length: **10 Weeks**
Status: **Published**

Unit Overview

Transfer

Students will be able to independently use their learning to...

-Appropriately and efficiently use district provided technologies in order to enhance learning.

For more information, read the following article by Grant Wiggins.

http://www.authenticeducation.org/ae_bigideas/article.lasso?artid=60

Meaning

Understandings

Students will understand that...

Using technology provided by the Monroe Township School District is a privilege.

There are protocols that must be followed when using district provided technology.

Technology can be a powerful learning tool when utilized with respect.

The library catalog is a searchable online database of books.

A database is a website with facts and information.

Essential Questions

Students will keep considering...

How do I properly handle a laptop computer?

What is the proper procedure for starting up a laptop?

What is the proper procedure for shutting down the laptop?

How do I use laptop tools?

How can I use technology ethically and responsibly?

How do I properly navigate a website?

How do I locate library materials using the computer?

How do I find and use library databases?

Application of Knowledge and Skill

Students will know...

Students will know...

What facts and basic concepts should students know and be able to recall?

That the proper procedure for starting up a laptop is to carefully lift the lid and press the power button one time. Wait for the computer to startup completely before opening up any programs.

That we always hold a laptop with a two handed "hamburger" grip.

We should never have anything else but the laptop in our hands.

That the proper procedure for shutting down a laptop is to first close down any programs that are open. Be sure to answer all question prompt windows. Wait for the screen to go black before closing the lid.

Their responsibility when using online resources.

How to access and use a database.

how to access and use a library catalog.

Students will be skilled at...

Students will be skilled at...

What discrete skills and processes should students be able to use?

Starting up and shutting down a laptop computer

Navigating to, from and around the district home page.

Navigating to from and around specific district provided and approved websites (i.e., Wixie, Google Apps, Tagxedo etc.)

Navigating in a database.

Using the online catalog to search for books in the library.

Academic Vocabulary

Chromebook

Laptop

Application

Google

Address Bar

File

Click

Drag

Save

Quit

Mouse/Trackpad

Screen

Database

Online catalog

Learning Goal

Students will use technology to enhance learning and access information.

- Students will use technology to enhance learning and access information.

TECH.K-12.1.2.b	engage in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.
TECH.K-12.1.3	Knowledge Constructor
CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP6	Demonstrate creativity and innovation.
CRP.K-12.CRP7	Employ valid and reliable research strategies.
CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP.K-12.CRP9	Model integrity, ethical leadership and effective management.
CRP.K-12.CRP11	Use technology to enhance productivity.
AAAA.K-12.3.1.4	Use technology and other information tools to organize and display knowledge and understanding in ways that others can view, use, and assess.
AAAA.K-12.3.1.6	Use information and technology ethically and responsibly.
TECH.8.1.2.A.1	Identify the basic features of a digital device and explain its purpose.
TECH.8.1.2.A.4	Demonstrate developmentally appropriate navigation skills in virtual environments (i.e., games, museums).
TECH.8.1.2.A.6	Identify the structure and components of a database.
TECH.8.1.2.A.CS2	Select and use applications effectively and productively.
TECH.8.1.2.D.CS1	Advocate and practice safe, legal, and responsible use of information and technology.

Target 1-- Level 1 Retrieval

- 1. Retrieve laptop out of the cart, turn it on and off.
- 2. Locate keys on the keyboard.
- 3. Use the trackpad to drag and drop.

Target 2-- Level 2 Comprehension

- 1. Open applications, save, and quit.
- 2. Describe user's responsibility when using a laptop.

Target 3-- Level 3

- 1. Use tools on a website or program.
- 2. Use the online catalog to find a call number and locate a book on the shelf.
- 3. Use an online database to locate information.

Target 4 - Level 4

- SWBAT: Apply learned technology skills to other areas.
- SWBAT: Assist others when using an online catalog to locate a book on the shelf.
- SWBAT: Assit others when using an online database.

Formative Assessment and Performance Opportunities

1. In-class reading, writing, speaking and listening activities.

2. Class participation.

3. Cooperative learning activities.

4. Review games.

5. Think/Pair/Share activities.

6. Teacher-directed Q and A.

7. Teacher observation.

8. Projects

9. Additional practice activities.

Differentiation / Enrichment

Differentiation:

1. Strategic seating for reduced distraction, enabling better lesson focus.

2. Small-group, teacher-monitored learning activities.

Enrichment:

1. Expand and extend concepts, ideas, relationships, and generalizations.

2. Create experiences for deeper learning.

Unit Resources

- Books
- ChromeBooks
- Interactive Whiteboard
- Library
- Online Database
- Online Library Catalog
- Slideshow Presentations
- Teacher Demonstration
- YouTube Videos/DVD's