

Unit 1: Desktop and Web Applications

EQ: Why use desktop and web applications?

EU: Desktop and web applications enable us to complete and manage school and professional work.

Lesson 3: Research and Google Search**Overview**

This lesson will continue to introduce students to Google Suite, Google Drive and Google Docs. Students will research and describe their career and other interests using Google Search and Docs.

Lesson Objectives

Students will research and describe their learning and career interests using Google Search and Docs.

Students will record notes in their journal.

Formative Assessment

Students will create a Google Doc that contains research results and descriptions of career and other interests.

Students will record notes in their journal.

Summative Assessment

None

Activities

Start up

The teacher will greet students at the door and direct them to sign in and find their journals. Students will sign in and take their journals from the class journal box. Students will also take laptops and login.

Project 2 - Google (35 minutes)

The teacher will demonstrate how to create a document, search for information, copy and paste URLs and add descriptive text.

Students will develop Google Doc files that describe 3 or more career and other interests and links to websites with related information. Students must provide 10 or more links and write descriptive information for each URL.

Students will complete ***Lesson 1: Test for Credibility*** and ***Lesson 2: Explore a Topic with Research and Collaboration*** from the ***Google Research and Develop a Topic*** curriculum.

<https://applieddigitalskills.withgoogle.com/c/middle-and-high-school/en/research-and-develop-a-topic/overview.html>

Students may also complete: ***Lesson 3: Code Welcome Screen*** and ***Lesson 4: Wrap Up***.

Other Google tutorials may be completed as needed.

Video - Credible Sources (5 minutes)

Research Skills - Choosing Credible Sources

<https://www.youtube.com/watch?v=wRyamihhBvQ>

Journals - Credible Sources (5 minutes)

Students will outline information that will be presented in their Google Doc. Students will describe how to detect non-credible and credible sources of information on the internet.

Shutdown (5 minutes)

Students will log out, put away the laptops and put their journals in the class box.

Lesson Materials/Resources

A computer and overhead projector will be used to display lesson information.

Objectives will be written on a whiteboard.

Students will use journals and a whiteboard to complete class activities.

Students will use laptops to complete tutorials and archive journal work.

The class will use Google Suite and Google Docs.

G Suite Learning Center: <https://gsuite.google.com/learning-center/#!/>

Google Applied Digital Skills: <https://applieddigitalskills.withgoogle.com/s/en/home>

Google for Education: https://edu.google.com/?modal_active=none

Other Ideas

Journals - Vocabulary (10 minutes)

Students will use google search to lookup and write definitions for the following words:

Operating System
Internet
Internet Browser
Search Engine
Desktop Applications
Cloud Applications

Students will work in groups to discuss their definitions and write them on the whiteboard.

The teacher will lead a discussion of the terms.

Journals - Tech favorites, needs, dreams and nightmares (10 minutes)

Students will silently write a list of their favorite technologies, which ones they cannot live without and which ones they don't need. They'll identify technology they wish they had? They will write or draw some dream or nightmare tech ideas.

Students will write their journal comments on the whiteboard and the teacher will facilitate a discussion of technologies in student lives and imagination.

Journals - xxxxx (10 minutes)

Students write a definition of xxxxx and comments on the advantages and disadvantages of xxxxx.

Students will write their journal comments on the whiteboard and the teacher will facilitate a discussion on xxxxx.