



1. Basics Q2 Web Browsers (1 class period)



[1. Basics](#)

[Q2 Web Browsers](#)

Overview of this Thing: Students will build basic and important technology operations, skills, vocabulary, and an understanding of using computing devices. There are seven main Quests and three Gold Quests that are included for those wishing for additional resources.

[Thing Learning Objectives](#)

1. Understand the fundamental concepts and features of the 21t4s website [Empowered Learner].
2. Understand basic concepts of technology operations [Empowered Learner].
3. Set personal learning goals [Empowered Learner].
4. Engage in positive, safe, legal, and ethical behavior [Digital Citizen].
5. Use technology to demonstrate their learning [Empowered Learner].
6. Manage their personal data for privacy, safety, and security [Digital Citizen].
7. Explore real-world issues around safety and security [Knowledge Constructor]

This Quest: In this Quest, you will learn about web browsers and how to create new tabs, minimize and maximize, restore the browser, and use shortcuts.

Quest Learning Objectives

I Can:

- Identify the main parts of a web browser.
- Minimize, maximize, close, and restore a browser window.
- Understand that different browsers have similar features but may look different.

Link to [Vocabulary Quizlet](#)

Vocabulary:

Maximize: Maximize is an action to make the web browser fill the entire screen.

Minimize: Minimize is an action to hide the window but keep it running.

Resize: Resizing is changing the height, size, or width of the browser window.

Restore: Restoring a web browser window returns it to its previous size.

Web browser: A web browser is a software application (app) that allows users to access websites.

Web browser features: This refers to different parts of a browser window such as a back button, forward button, refresh button, maximize, minimize, restore, etc.

Pre-Planning

- Determine in advance which browser your classroom uses.
- Model for the students how to do each of the steps.
- There are additional resources for the students to look at if time permits.

For accommodation ideas, visit the [Accommodations Page](#).

Introduction page: Students will review the Introduction statement, Learning Objectives, and the image of a Chrome Browser.

Vocabulary page: Students will review the vocabulary words and then play the interactive Quizlet Game

Basics page:

Students will:

- Work with a partner or on their own (check with your teacher) to follow the steps in the quest using the web browser they are using to view this page.
- Their first task is to figure out how to do the following things: create a new tab, minimize, maximize, and restore their browser.
- Start by opening a NEW TAB on their browser. (see examples on the Quest page)
- In the new tab, type the following in the search bar: "How do I minimize my screen on a _____?" Fill in the blank with the exact name of their device (.Macbook Air, Windows 10 PC, Chromebook, iPhone 14, Samsung Galaxy Tab A8, etc.) and try it.
- Repeat their search and replace "minimize" with "maximize" and then "restore." They need to remember to complete each task on their device.
- They will now learn to take the tab window and "pull" it off to become a separate browser window.



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- Their last challenge is to "resize" the two windows so that they can see both of them side-by-side or at the same time. It should look something like the one shown on the Quest page. Try moving their mouse or cursor to the top corners and/or sides to resize them to drag in or over.

Gymnastics page: There are two different web browser activities on this page. Students will check with their teacher about doing one or both of these activities.

Option 1: Browser Gymnastics

Students will copy or download and complete this [1.Q2 Web Browser Shortcuts Document..](#)

When done with the document, they will discuss as a class or partner to compare

- The shortcuts table results.
- The favorite shortcuts others identified.

Option 2: Web Browser Showdown

Students begin with a class discussion about the Web Browsers using these questions:

- What search engine do you use most often and why?
- Do you think all search engines give you the same information? Why or why not?

Students will work with a partner or a small group on this activity. One student will copy or download this [1.Q2 Web Browser Showdown Document](#). They will check with their teacher on how much time they have. Follow the directions provided in the document to complete the activity.

Students will discuss the results as a class using these questions:

- Were there any surprises?
- Did you change your mind about your favorite browser search engine? If so, why?
- Share one or two interesting findings.
- How might the differences between Google and Bing affect your research or understanding of a research paper topic? Should you use multiple search engines to get a more comprehensive view? Why or why not?

Learning More

Students can extend their learning by visiting [Thing 9 Search Strategies](#), They will find the following information.

1. How to search for and evaluate information.
2. The best tools for doing research.
3. How to search safely.
4. How to properly cite sources.



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Completing this Quest: If students are using the Portfolio, paste the URL to their school website and a favorite one they use for school on the Q2 Web Browser Slide

Tools/Apps/Videos to be pre-checked for access by the student:

21t4s Websites

- [Thing 9 Search Strategies](#)

21t4s Documents & Quizzes

- [1.Q2 Web Browser Shortcuts Document](#)
- [1.Q2 Web Browser Showdown Document](#)
- [Vocabulary Quizlet](#)

Student Checklist [1.Q2 Student Checklist](#)

Broken Link or Content Update Report



Please select [this link](#) or the broken link icon to report any broken links, or content no longer applicable so that we can quickly update it. Thank you for your help.

Assessment Options:

Ideas for assessing student work for this Quest? Link to a rubric you create for this Quest, a quiz, and or a worksheet you create. See [Rubric](#) by Liz Kolb.

Observe the students as they learn how to minimize, maximize and resize their screens.



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