

# Challenge 1 UNDERSTANDING INTERNET



STRUCTURE OF THE CHALLENGE

## DESCRIPTION

This lesson will focus on learning everything about the Internet and how to use it properly

## GENERAL GOAL

The learners will first learn about the Internet and will then discover the different web browsers available and what their differences are. They will discover how to use their browsers to do a simple search and understand the difference between a browser and a search engine.

The trainees will then practice several more elaborate ways to type web searches and will compare their results. They will also be made aware of the degree of relevance and trustworthiness of the different results they have found.

## LEARNING OBJECTIVES

1. To know what the Internet is
2. To understand what Browsers are and which products are available
3. To know how to use Browsers and the different search engines
4. To be able to do a search on the Internet
5. To search on the Internet using advanced search techniques
6. To have an idea about the relevance of the found search answers

| INSTRUCTIONS |
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**What is the Internet**

Follow the lesson about the Internet. It can be given by your teacher, or you can watch the following videos given as reference.

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

<https://edu.gcfglobal.org/en/internetbasics/what-is-the-internet/1/>

Check out the different components of Internet and how the Web is only a part of it. Additional information can be found in the Resources part of this Challenge in the Internet section.



**How to access the Internet**

Find out about Internet browsers and try to identify 3 different ones.

Download the 3 different browsers and look for the differences.

Additional information can be found in the Browsers and search engines Resources part of this Challenge.

<https://www.lifewire.com/top-internet-browsers-4589106>

| Search Engine Optimization Tops List for Digital Marketers | Transmedia ... | Search Engines  How do you search on the Web?  Find out about search engines. How many search engines do exist?  Try out an internet search in different search engines and compare the differences. |
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**Advanced Internet search**

Use the right keywords to try and complete the following searches.

Search for information about the famous quote from Hamlet “To be or not to be”.

Find pages containing either the phrase “Doctor Who” or the phrase “Sherlock Holmes”.

Find pages containing either the phrase “Doctor Who” or the phrase “Sherlock Holmes”, and also the name of either actor Matt Smith or producer Steven Moffat

Find references to actor Peter Capaldi, but only on www.BBCAmerica.com.

Find government sites that contain the phrase “fishing license”

Find information mandatorily starting with “the three”

Go shopping for an Android tablet with a budget of 300€ to $600€

Find all the pages similar or related to amazon.com

Find all the pages pointing towards or linking to amazon.com

<https://www.google.com/advanced_search>

<https://time.com/4116259/google-search-2/>

<https://support.google.com/websearch/answer/2466433?hl=en>

<https://www.webnots.com/how-to-use-shortcuts-and-symbols-in-google-search/>

**Relevance**

How relevant were the links that you found in your searches?

Which links are placed first?

Can all the results found be trusted?

How can we make sure to find relevant and trustworthy answers?

Make research about the roots of the current conflict in Ukraine.

Additional information can be found in the Relevance Resources part of this Challenge.

| RESOURCES |
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| INTERNET  https://en.wikipedia.org/wiki/Internet  BROWSERS AND SEARCH ENGINES  https://www.digitalnuisance.com/browser-and-search-engine/  https://www.cloudwards.net/search-engine-vs-browser/  RELEVANCE  https://gmpinternetmarketing.com/website-relevance-and-search-engine-placement/  https://www.google.com/search/howsearchworks/algorithms/  https://www.link-assistant.com/news/googling-for-truth.html |

| QUIZ |
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| 1. **The Internet is a very recent invention**   (yes/**no**)  Feedback: ARPANET, the military-funded first network that will become Internet has been founded in 1966. |
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| 1. **The World Wide Web and Internet are the same thing**   yes/**no**  Feedback: (No, the World Wide Web is only a part of the bigger ensemble that is Internet). |
| 1. **What is a search engine?** 2. **Software to search the web** 3. A Web Browser 4. An Operative System |