| Challenge 1 - Understanding Internet |
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| General Goal *Learn everything about the Internet and how to use it properly.* |
| Learning Objectives *To know what the Internet is*  *To understand what Browsers are and which products are available*  *To know how to use Browsers and the different search engines*  *To be able to do a search on the Internet*  *To search on the Internet using advanced search techniques*  *To have an idea about the relevance of the found search answers* |
| Description The trainees will first learn about the Internet and will then discover the different web browsers available and what their differences are.  They will learn how to use their browsers to do a simple search and understand the difference between a browser and a search engine.  The trainees will discover several more precise 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. |
| Instructions Write all the answers in the form of a blog article in the  What is the Internet?  Follow the lesson about the Internet. It can be given by your teacher, or you can watch the different videos given as reference.  <https://www.youtube.com/watch?v=iexfOPCBtbw>  <https://edu.gcfglobal.org/en/internetbasics/what-is-the-internet/1/>  Additional information can be found in the *Internet* resources.  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.  <https://www.lifewire.com/top-internet-browsers-4589106>  Search Engines  How do you search on the Internet?  Find out about search engines. How many search engines do exist?  Try out an internet search in different search engines and compare the differences.  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](http://www.bbcamerica.com).  Find government sites that contain the phrase “fishing licence”  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 root of the current conflict in Ukraine.  Additional information can be found in the *Relevance* resources. |
| Resources 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> |
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