



IO1 – Integration Leaders Curriculum

Module 8 – IT and Social Media

Self-directed learning materials

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| Topic: | History of the internet |
| Title of Resource: | World Wide Web and It's Journey from Web 1.0 to Web 4.0 |
| Why use this resource? | <p>This PDF introduces readers to the history of the internet and how it evolved from being a static source of information to the interactive and intelligent network that it is today.</p> <p>Additionally, YouTube Videos are linked to make this resource more appealing to the target audience.</p> |
| What will you get from using this resource? | Participants will build profound knowledge on how the internet has evolved and their awareness of this extraordinary human invention is deepened. |
| Link to resource: | <p>PDF: http://ijcsit.com/docs/Volume%205/vol5issue06/ijcsit20140506265.pdf</p> <p>Videos:</p> <ul style="list-style-type: none"> • What is the internet? https://youtu.be/Dxcc6ycZ73M (from the F2F session) • How the internet was invented, The History of the Internet Part 1 https://youtu.be/1UStbvRnwmQ • How the internet was invented, The History of the Internet Part 2 https://youtu.be/1CsPHKJWiw0 • How the internet was invented, The History of the Internet Part 3 https://youtu.be/eYkXD_cGUYU |



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| Topic: | Map of the internet |
| Title of Resource: | Webverse |
| Why use this resource? | <p>The Webverse website is an amazing 3D visualisation of the internet in the years 1996 and 2016. It shows how fast the World Wide Web has grown over the years and allows users to navigate through the web like they would navigate through the galaxies of a universe. Each web-domain is visualised as a star and the bigger they are, the more online traffic they have. Some “stars” are clustered in galaxies, and the closer they appear to each other, the closer they are linked.</p> <p>It is advised to use the story mode, the popular pages and the search function to explore the Webverse. To navigate, the arrow keys are most useful, and the left mouse button helps re-positioning the whole Webverse and to rotate around it. Zooming is achieved with the mouse wheel.</p> |
| What will you get from using this resource? | Participants will raise their awareness on how the internet looks like and how websites are linked with each other. It is also very interesting as it shows that the Chinese internet is separated from the rest by their firewall. |
| Link to resource: | <p>http://webverse.org/</p> <p>Additional link with even more maps of the internet: https://www.vox.com/a/internet-maps</p> |



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| Topic: | Filter Bubbles and Echo Chambers |
| Title of Resource: | Filter Bubbles and Echo Chambers |
| Why use this resource? | In these two videos, participants learn what filter bubbles and echo chambers are and how they work. In the second video, the dangers and downsides of filter bubbles are discussed. |
| What will you get from using this resource? | Participants will raise their awareness concerning this phenomenon. Knowing about the bubble helps to look beyond it's borders and reach out to other kinds of information and sources, making the user a much better informed individual. |
| Link to resource: | Videos: Filter Bubbles and Echo Chambers: https://youtu.be/Zk1o2BpC79g TED: https://youtu.be/B8ofWfX525s |



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| Topic: | Online Etiquette |
| Title of Resource: | Basic Rules of Netiquette |
| Why use this resource? | The article offers participants information about the core rules of netiquette and how they could be applied in their daily life. Online behaviour should not be vastly different from how we behave in person, and despite being anonymous in the World Wide Web, our manners should still be applied. Netiquette rules help users to know how they should behave online. |
| What will you get from using this resource? | Participants will learn how to be a model internet citizen or netizen by complying with the rules of online behaviour. The article and the video build a solid basis of guidelines for their online behaviour. |
| Link to resource: | Article: http://www.albion.com/netiquette/corerules.html General Guide to Netiquette: https://youtu.be/eq4sNeuAcJw |



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| Topic: | Internet Trolls |
| Title of Resource: | How to deal with an internet troll. |
| Why use this resource? | Trolls are individuals that behave negatively and provoking online on purpose. As they only want to create chaos, it can be very difficult to interact with them and to stop them in their process of mischief. The main point is to not disagree and discuss with them too much as they only keep going, hence the popular proverb: “don’t feed the troll”. |
| What will you get from using this resource? | Participants learn how to identify a troll and how to cope with their mischievous behaviour and communication styles. |
| Link to resource: | What are trolls? https://en.wikipedia.org/wiki/Internet_troll https://www.outsidethebeltway.com/feeding-the-trolls-only-makes-them-stronger/ How to deal with trolls: https://douglasmagazine.com/deal-effectively-online-trolls/ |