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IO3 – THE DIGITAL COMPETENCE IN A CROSS-CURRICULAR PERSPECTIVE

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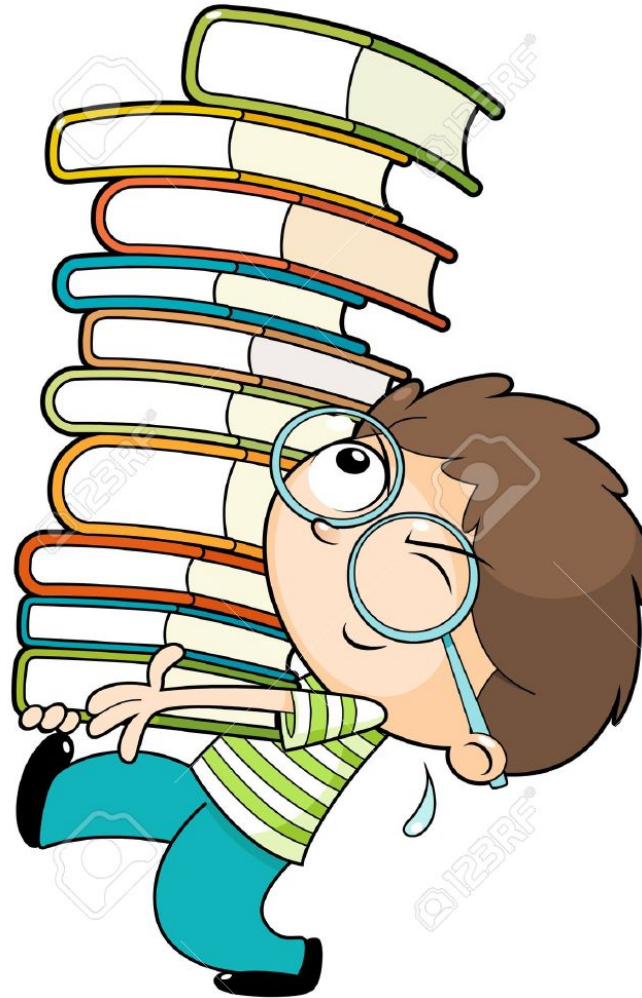
Erasmus+

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Opportunity for:
- more meaningful school , i.e. better learning
- friendlier school, i.e. more motivation
- use of acquisition in informal/ non formal

Formal/non formal acquisition in one competence sustains and expands learning in another competence:
- Literacy and languages use digital channels
- Civic, Social, personal and learning use social networks
- Math, science, technology and engineering make use of virtual labs and simulations
- … and examples can multiply

MOREOVER The digital competence is more than the mere focus of a school subject (ICT, Computer Science, Coding etc.)
If it permeates the fabric of school learning:
- It can reinforce learning in various subject matters
- It stimulates school participation

In different contexts and a variety of combinations (text, image, diagram aso):
- Case studies in History
- Reports in Science
- Biographies of famous people in language arts
- Project work in Civics, Technology etc.

It helps discovery learning and engage students in filtering, processing information

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Kids, youth use social networks extensively and they love it = good foundation for collaborative learning with all its benefits

Projects without frontiers – when students from various schools come together for a common topic

Interaction on the 6A Mother Tongue blog:
- helps students with their home assignment
- Supports promotion of project work, teaches them functional writing
- Reinforce their communication competences

An engaging entry point supports kids with effortless acquisition of new concepts.

Digital channels are great to help with a good (even impressive!) presentation of good work.

The real-time connection (the „real time plugin" updates school and curriculum): the current events become an entry point for the students' learning. The connected class is (a-)LIVE!

- Visit Versailles, the Holocaust memorial Museum etc.
- Come and see what is there in a black hole
- Let us have a look in the human eye
- 360 great hammerhead shark encounter!

- Angel Falls – biggest waterfall

https://www.youtube.com/watch?v=L_tqK4eqelA

- The galactic center.

https://www.youtube.com/watch?time_continue=1&v=YKzxmeABbkU
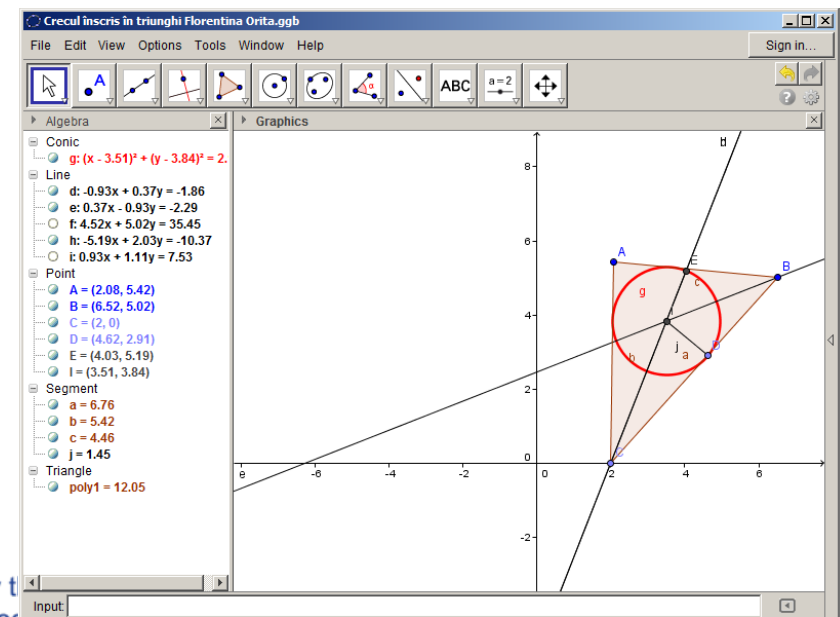
- From very simple data bases
  - favourite film stars (in the English class)

- To more complex
  - school surveys (Math class)
  - daily school plot observations (Science)

http://www.geogebra.org

www.shepardsoftware.com/math

- **What do I do with/ for/ through the digital competence in order to better do my job (i.e. teach communication competence)?**

  - Search and download materials for my students
  - Invent home assignments that require digital channels
  - Communicate with students by means of whatsapp
  - Post on the various class blogs
  - Encourage students to design neat presentations
  - Extensively use youtube for entry points or upload project results
  - Never use Apps just because!
  - I do not have a Facebook account, though I use some professional ones ☺