

IO3 - Preparation of Educational Pack and Kit: Tools for teaching and for implementation

Internet Module

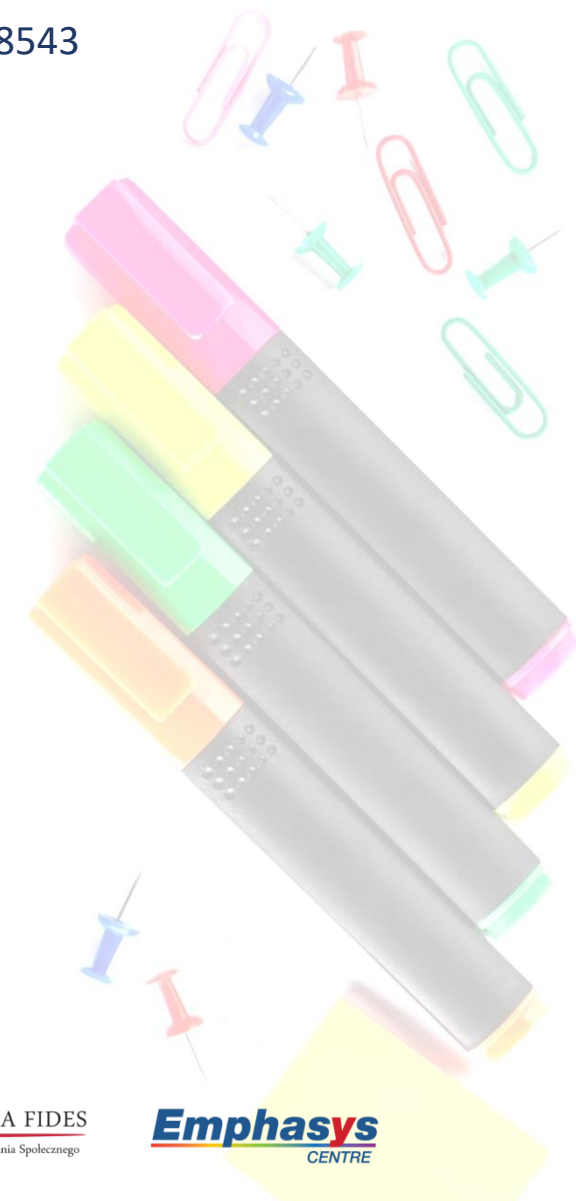
I.O. Leader: Regional Directorate of Primary and Secondary Education of Crete (P2)

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Partners:



INTELLECTUAL OUTPUTS

IO1

- The Digital Competence Framework for primary schools: create teachers' and schools profiles, in-depth survey, needs identification, design the digital framework.

IO2

- The assessment and validation process for digitally literate teachers and schools through the use of Open Badges and e-Portfolios

IO3

- Preparation of Educational Pack and Kit: Tools for teaching and for implementation (teaching material, e-learning modules, guidelines, road map, templates...)

IO4

- The Go DIGITAL Interactive Learning Platform: implementation of e-GODIGITAL Academy, Library and Community.

IO5

- From theory to practice: Implementation and evaluation of the Professional Training Programme for teachers

IO6

- GODIGITAL Pack for strategic exploitation and endorsement in Primary Schools – Declaration – Memorandum of Commitment for Digital Literacy in Schools

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Partners:



- The Internet Module provides learners:
 - with information, knowledge and experience on effective and safe internet use for educational purposes
 - with data management skills (individual or collaborative data creation, storing and sharing data/resources, collaborating and interacting with other users e.t.c.)
 - with knowledge and strategies that both prevent and ensure the safe navigation on the net

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Partners:



- Four Topics
 - Internet Safety
 - Internet and Information Searching
 - The Web 2.0
 - Information Management

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Partners:



• Topic 1 - Internet Safety

- The Internet is primarily a society of people and conceals the same dangers that every society conceals
- The Internet user and especially the teacher should be able to distinguish, and avoid potential risks of the Internet and be able to advice his/her pupils.
- How to avoid bad sites
- Malware categories
 - Viruses, Trojan horses, Worms, Spyware, Rogue security software
- How to avoid malware
- How to remove malware

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Partners:



- Topic 1 - Internet Safety (cont.)
 - Securing Internet accounts
 - Strong passwords, Each account unique password, regularly password change,
 - General Data Protection Regulation (GDPR)
 - EU law on data protection and privacy

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Partners:



- Topic 2 – Internet and Information Searching
 - Basic terms about Internet (e.g. internet services, world wide web, e-mail, world wide web addresses, e-mail addresses etc.)
 - Web search engines and their categories
 - General purpose search engines (e.g. www.google.com, www.duckduckgo.com, www.yandex.com, www.bing.com etc.)
 - Special purpose search engines (e.g. the search engine of www.wikipedia.com)
 - Meta-search engines (e.g. www.skyscanner.com)
 - Computational Knowledge search engines (e.g. www.wolframalpha.com)

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Partners:



- Topic 2 – Internet and Information Searching (cont.)
 - Search techniques
 - The search results and how we differentiate them
 - Advanced searches using logical operators (or using Advanced Search of Google)
 - Type of search results (e.g. images, news, maps etc.)
 - Safe search – Filtering search results (feature of Google search engine)
 - False information on the web

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Partners:



• Topic 3 – Web 2.0 Tools

- Initially web pages consisted of simple formatted text and hyperlinks
 - The first ever web page: www.bit.ly/fwebpage
- In Web 2.0 era, web pages offer features that allow users to have more advanced interaction with them e.g. to add content, to collaborate with other users etc.
- Potential features of a Web 2.0 Tool:
 - cloud storage, no need for backup, access user data from everywhere with any internet connected device, collaborative file processing, embedding files in other websites with instant update

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Partners:



- Topic 4 – Information Management
 - Managing information in the cloud (i.e. managing information stored in data servers accessible via the Internet)
 - No geographic constraints
 - No need for backup
 - Share files to other users
 - Manage files collaboratively with other users
 - Google Drive is a cloud-based service allowing you to save files and manage them anywhere using any internet connected device.

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Partners:



- Topic 4 – Information Management (cont.)
 - Google Drive
 - Google account creation
 - How to upload, store and organize data
 - How to create and share a file or folder
 - Google Forms
 - Activity history on a file or folder
 - Pedagogical use

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