TOOL

Fotodentro

Developed by : Ministry of Education of Greece

Website : http://photodentro.edu.gr/aggregator/

Description

Fotodentro serves as a repository of educational materials for Primary and Secondary Education. It is an e-service of the Ministry of Education for the unified search and distribution of digital educational content to schools. It is available to everyone, students, teachers, parents and any other interested party. The platform offers a vast collection of resources spanning various subjects, grade levels, and formats. It includes lesson plans, worksheets, activities, multimedia content, etc. designed by teachers. It also hosts external repositories of educational materials such as the Aesop platform. Fotodentro gathers descriptions (metadata) of digital educational material from various repositories and providers and unifies them semantically, thus allowing a uniform search of digital educational material and a unified view of its elements. In other words, it hosts only the descriptions of the digital material and does not contain the physical resources (digital files of the material) which remain in the original repositories or on the providers' websites.

Duration

Depending on the use

Resources needed

Using this tool requires internet connection and a compatible web browser. Users can access a central catalog of digital educational content provided by the Ministry of Education of Greece, without needing to have a special software, since it only hosts descriptions of digital materials, not the files themselves. External access may be needed to view or download specific educational resources.

Age

Suitable for all ages

Relevance to CRISEPAC Objectives

This tool is directly related to the objectives of the CRISEPAC project, as it represents a digital space where both teachers and students can access whenever they feel like expanding their understanding concerning matters of environmental nature. This tool provides educational materials in the fields of geography-geology, ICT and other relevant educational sectors. Among the resources provided, this repository includes a wide range of materials related to climate change.

Fotodentro

CRISEPAC

Management

Users navigate into the repository and choose their desired category to access educational materials. After selecting the subject, they have the opportunity to choose a more specific category. Among other things, it allows users to select grade level, type of activity, year of publication, etc. Users may enter an activity of their choice and have access to all the relevant material.

Expected outcomes

This tool consists a collection of primary and secondary educational resources, that promotes Open Educational Resources (OER). Users are expected to continuously enrich their relevant knowledge by the educational content provided through new repositories, which is highly valued.

Others

Weaknesses

Since the platform only hosts metadata and not the actual digital resources, users must access external sources to retrieve this content. These data may not be uploaded on time, or take long to be updated. This search proccess might seem confusing to some users, especially those unfamiliar with such platforms. Additionally, most of the material is offered – only – in Greek.

Strengths

Users can access a wide range of educational materials from various sources in one place, saving time and effort in searching for resources across multiple platforms. They can contribute their own materials, provide feedback, collaborate and exchange knowledge with colleagues.

Possible adaptations

- The addition of more external repositories and educational portals for a better user experience.
- The creation of a mobile app for convenient access and better navigation, which allows modification of the educational content from students and teachers.

Climate change

Athough Fotodentro may not be directly associated to climate change itself, its wide content range covers topics such as environmental science and sustainability, raising students' climate change awareness.

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Additional Resources: Examples of activities:

1. Weather phenomena and human activities (http://photodentro.edu.gr/aggregator/lo/photodentro-lor-8521-2861)
2. Natural disasters in Greece (http://photodentro.edu.gr/aggregator/lo/photodentro-lor-8521-3040)
3. The greenhouse effect (educators may access additional resources in the relevant section of the educational material (http://deukalion.sch.gr/wp/material/bibliography/)
4. What do I know about rain, storm and flood? (crossword) (educators may access additional resources in the relevant section of the educational material (http://deukalion.sch.gr/wp/material/bibliography/)
5. Game for dealing with dangerous weather events (educators may access additional resources in the relevant section of the educational material (http://deukalion.sch.gr/wp/material/bibliography/)
6. What do I know about fire? (crossword) (educators may access additional resources in the relevant section of the educational material (http://deukalion.sch.gr/wp/material/bibliography/)
7. The clock of destruction: Fires (educators may access additional resources in the relevant section of the educational material (http://deukalion.sch.gr/wp/material/bibliography/)