

Newsletter
January 2023

MULTIPLIERS



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Att göra skolans naturvetenskap relevant för verkliga utmaningar

Kära läsare,

Ett nytt år har börjat och det har också en ny omgång av MULTIPLIERS. Under de senaste månaderna har vi lagt grunden för våra Open Schooling-aktiviteter i sex länder i Europa. Hundratals elever och lärare har engagerat sig i praktiska och meningsfulla naturvetenskapliga projekt, som inkluderar att utforska ekosystem med naturvetenskapliga ryggsäckar i Slovenien, att övervaka data om luftföroreningar i Spanien, besöka ett forskningscenter för molekylärmedicin på Cypern, diskutera hur man kan påverka politiska beslut om skogar i Sverige, teckna serier om människokroppens immunförsvar i Tyskland och genomföra ett blindtest för att provsmaka vatten i Italien.

Utrustade med förbättrade naturvetenskapliga insikter är våra elever nu redo för nästa fas av projektet: att bli kunskapsmultiplikatorer och engagera familjer och samhället för att ta itu med samhällsfrågor med naturvetenskapligt innehåll tillsammans!

Nu när det är dags att gå vidare med nästa steg hoppas vi att du tycker att det är roligt att läsa den här sammanfattningen av förra årets viktigaste ögonblick. Oavsett om du är medlem i våra Open Science Communities (OSC), en intresserad forskare, en representant för ett partnerprojekt eller bara är nyfiken på Open Schooling i allmänhet hoppas vi att du håller kontakten och fortsätter att engagera dig i projektet!

Med vänliga hälsningar,

MULTIPLIERS-teamet

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Biodiversity & ecosystem services

Clean water & sanitation

Vaccination

Forest use vs. forest protection

Air pollution

Anti-microbial resistance

how can we make a difference?

Watch our introduction video to find out the main facts about MULTIPLIERS in just one minute!

Våra teman:

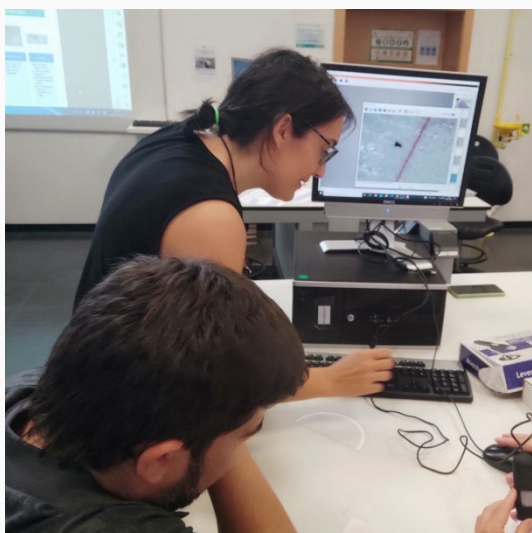


Slovenian pupils discover importance of ecosystem services with new “natural sciences backpack”

In Slovenia, the University of Ljubljana designed backpacks with a set of tools for kids at different educational levels to explore living environments of their choice and engage parents in registering their findings. [Find out what's inside the backpacks!](#)

Vaccination in discourse: How German students learn to deal with this controversial issue

As the world still copes with COVID-19, debating the biological and moral aspects of vaccination could not be more urgent. Students of our partner schools are [receiving guidance from experts on how to build arguments](#) for fact-based discussions in meetings organised by the University of Bonn.



Is the air in our school polluted? Students conduct their own research on air quality in Barcelona

What are the impacts of air pollution on human health? How can we use monitoring devices to make forecasts and decisions about air quality? These are some of the questions [being explored by the MULTIPLIERS team](#) led by the Universitat Autònoma de Barcelona.

A mission in Cyprus to tackle the silent pandemic: Antimicrobial resistance

Our Open Science Community convened by the University of Cyprus is [delving into the topic of antimicrobial resistance \(AMR\)](#) to learn more about the nature of science, its significance, and the role of scientists in society. The goal is to go beyond schools and spread the word to face AMR together!





Navigating a heated debate: Societal views on forests in Sweden

Almost 70% of Sweden is covered by forests, making the topic of “Forest use vs Forest protection” of great relevance to most Swedes. Last Autumn, school classes in Umeå took a deep dive into local and global forest-related issues [using the "Forest Lab" school materials](#), to which our partner Umeå University contributed.

Italian schools commit to raising awareness on clean water & sanitation

How sustainable are your water use habits? To increase students' scientific understanding of water management and its historic uses, our partner Iren is engaging schools and communities in a [set of interdisciplinary activities such as a blind water tasting](#).



Multimedia



Why does youth's perspective on science matter? On the occasion of International Youth Day, Jana Schilbert, PhD Researcher at the University of Bonn, Germany, shared her perspective on the importance of working together with younger generations to effect change and bring about social transformation.

What is Open Schooling?



The MULTIPLIERS approach to building inclusive and long-lasting learning communities

Modern societies are facing complex challenges, such as protecting the environment and promoting healthy living. Still, trust in scientific findings is diminishing, an acute challenge of our time. MULTIPLIERS has the ambitious goal to counter this trend by addressing the problem at its base, guided by the concept of Open Schooling. [Find out more about our approach.](#)

MULTIPLIERS is a member of the **Open Schooling Together** initiative, a collaboration between several Horizon 2020 projects promoting the concept of Open Schooling.

To learn more, [visit their website](#).



Resources

H2020 Coordination and Support Actions – (CSA)

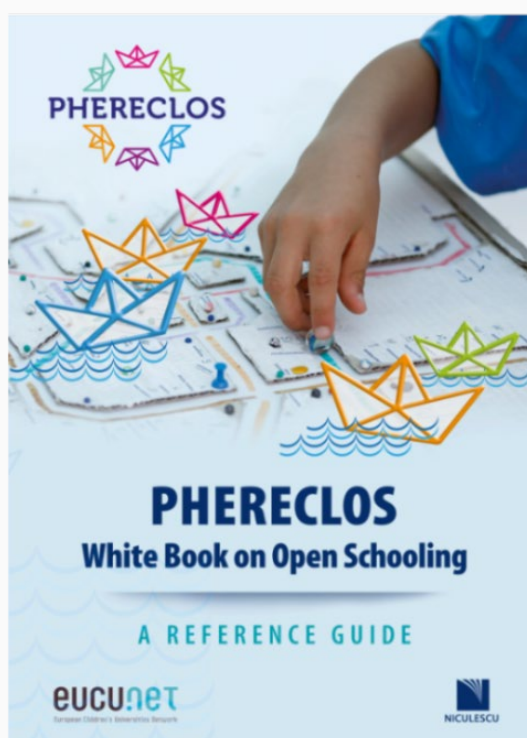
MULTIPLIERS – Multiplayers Partnerships to ensure meaningful engagement with Science and Society

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Report on Identified Good Practices and Needs Analysis

Deliverable number: D2.1
Work Package: WP2 'Establishment of the OSCs' network and co-design of MULTIPLIERS Open Schooling approach'
Lead Partner: UCY
Due Date: 31/03/2022
Dissemination level: Public

[Report on Identified Good Practices and Needs Analysis](#)



[PHERECLOS White Book on Open Schooling](#)

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Our mailing address is:

info@multipliers-project.org