Leading the dance of Science

Nome dell'ente che lo ha realizzato /ORGANIZATION/INSTITUTE PRESENTING THE PROJECT: *: Epitalion Ilias
Regione/Region: Ilia, Peloponnese
Paese/ Country: Greece
Città/ City: Pyrgos Ilias
Descrizione del progetto/Describe the project : In Greece, before 2016, there was not any chance fo
attend a training program at CERN nor to participate
activities. This opportunity existed only for secondary
conditions for something similar have been created.
Nantsou, a physicist at Hill Private Primary School in
school activities on teaching Physics in a friendly and
everyday materials and she gave the title: “Playing w
advisor of the program. Her idea was embraced and
Education & Outreach Officer (CERN-CMS). So, eve
finalists are selected among hundreds of applications
criteria and their successful Skype interview from CE
the final training event at the Idea Square and the oth
GLOBE, MICROCOSM). I had the great honor to par
in August 2017. Afterwards, I decided to create a wel
to describe my experience at CERN or just to apply w
further, developing brand new activities and evolving
their imagination and creativity in practice. This is als
Importance also is given to encourage girls to pursue
to overcome the established stereotype of male prima
school culture is sought, in which pupils will strengthe
thinking, and cultivate their physical curiosity about th
according to their age. During the last two years, Ron
been given the opportunity to benefit from the advant
inclusive education) and thus to be better integrated
new open window to science. On the website you wil
developed the last three school years (2017-2019). F
cloud chamber (1927 & 1936 Nobel Prize in Physics)
of them are accompanied by the corresponding digita

Mr. Rainer Weiss, the 2017 Nobel Prize laureate in Physics, sent us his best comments and feed-back about our gravitational waves model. We also highlight the Skype interview from CERN given by the assistant of Peter Higgs, the 2012 Nobel Prize laureate in Physics, Mr. Leonidopoulos, our online board game, our classroom digital planetarium and Rutherford's/Bohr's model of the atom animation, depicting Lithium, which was captured using a drone.

Categoria del progetto/Project category : Educazione fino a 10 anni/Up to 10 years

Link al video di presentazione/Link to the presentation video: https://www.youtube.com/watch?v=49
http://users.sch.gr/papandre/cern/

In che modo il progetto usa le tecnologie in modo innovativo/Use of technologies ...: Modern tech
their work ar
world. In this
with useful id
classroom re
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in our websi
model with s
for example
our students
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experiments
principles. T
and, of cours
balance betw

Indicare gli elementi di innovazione del progetto:/ What are the technological aspects of the project?: Our goal is
science is n
scientific fa
medicine fo
tomography
latest disco
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do in the sk
students wi
experiment
that "showe
schools, sh
expressed t
(Science, T
understand
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authentic le
generate al
experiment
imagination
making and

Quali sono gli aspetti tecnologici del progetto?What are the technological aspects of the project?: The followin
manageable
version of M
PhET - Univ
Physics, to

Windows Movie Maker, to express and animate their ideas on Science (especially their project on Cloud Chamber and Gravitational Waves). Audacity, the free open source audio software to record, mix and convert sounds. Star Walk 2.0 mobile and tablet app for our classroom small digital planetarium.

Con quanti utenti interagisce il progetto?/How many users does the project interact with? : The first scho participated i Primary Scho Peloponnese Vytina Primar 2019) Epitalio Current scho including 4 R

Di quali mezzi o canali si avvale il progetto?/Which media or channels does the project use?: We also r were give regarding two separ our websi

Il progetto è già stato replicato? /Has the project already been replicated? : At an informal level, th organized. The subject library of Pyrgos (June from Pyrgos), at the He lectures organized by t were also given to prim simple materials. Pleas (http://users.sch.gr/pap

Quali sono le aspettative future?/What are future expectations?: A main fact for the initiative to sup cosmology and particle physics tea something similar was taught in th presents new data to society. Espe date announcements about the cr correlation of forces in our Univers children's imagination. And this is latest discoveries in Science, mair So, our expectations for the future small and steady steps and develo interests and the potential of the p encouragement and inclusion.

Allegati/Attachments:
Links to our project resources [1]
Our classroom small digital planetarium [2]

Durata progetto/project duration:
From September 2017 until the current school year (2019-2020)

Tipologia dell'ente/Kind of organization:
Primary School

Fondazione Mondo Digitale
Via del Quadraro, 102 / 00174 - Roma (Italia)

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Collegamenti
[1] https://www.gjc.it/system/files/progetti/allegati/links_to_our_resources.pdf
[2] https://www.gjc.it/system/files/progetti/allegati/our_classroom_small_digital_planetarium_0.pdf