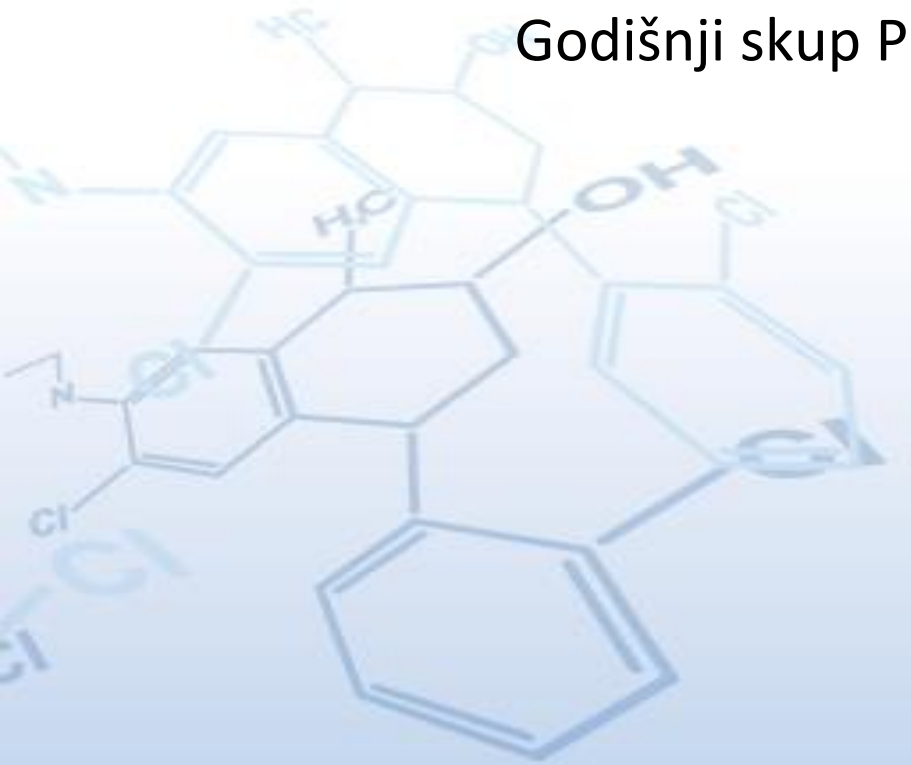
Zanimanja budućnosti: Postani turistički vodič po Svemiru!

Godišnji skup Primjeri dobre prakse – DPTK Zagreba 2021



Maja Mačinko, OŠ Ivana Cankara, Zagreb

SCIENTIX
The community for science education in Europe

Scientix daje pristup nastavnim materijalima, rezultatima istraživanja i dokumentima iz različitih europskih projekata o znanosti i obrazovanju financiranih od Europske komisije i raznih nacionalnih inicijativa.

Ova platforma omogućuje redovito širenje i razmjenu vijesti i najboljih praksi u obrazovanju diljem Europske unije.

Faze projekta

Scientix 1
(2009-2012)

Uspostavljen online portal (edukacijskih materijali i projekti iz područja STEM-a)

Održana Scientix konferencija

Scientix 2
(2013-2015)

Širenje Scientix zajednice na nacionalni nivo

Razvoj nacionalnih strategija za STEM obrazovanje

Scientix 3
(2016-2019)

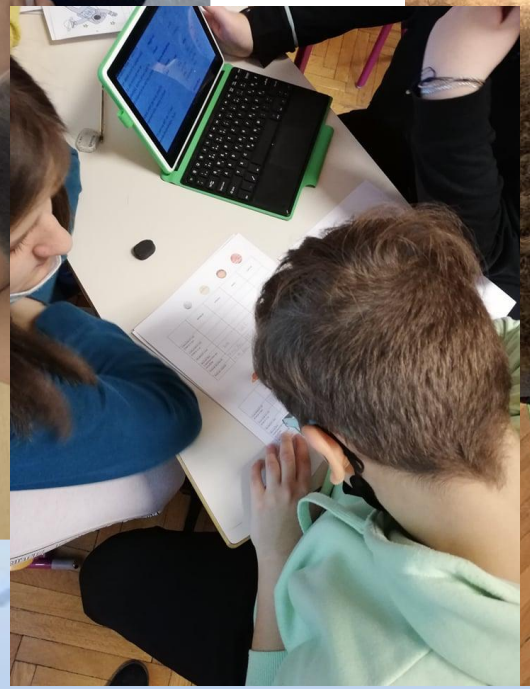
Jačanje NCP-ova i Scientix ambasadora

Provedba aktivnosti i diseminacija

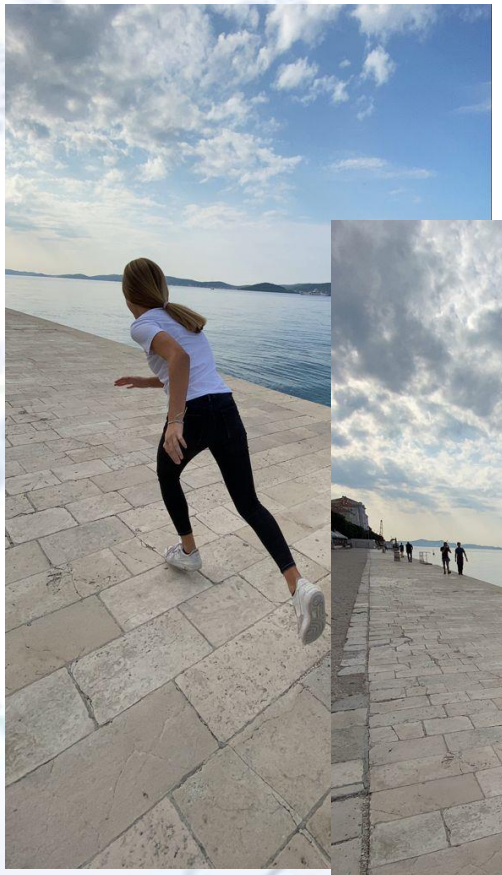
Scientix 4
(2020 – 2022)

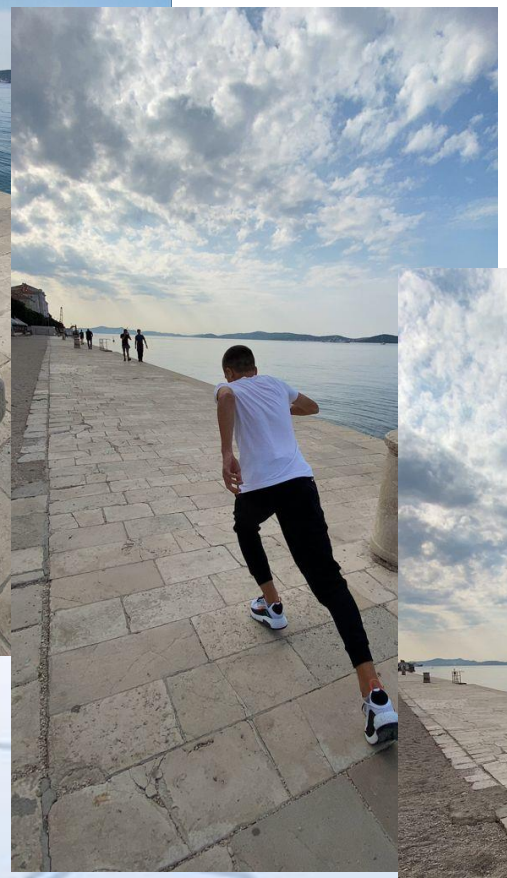
Nastavak svih aktivnosti koje su započele u prijašnjim fazama

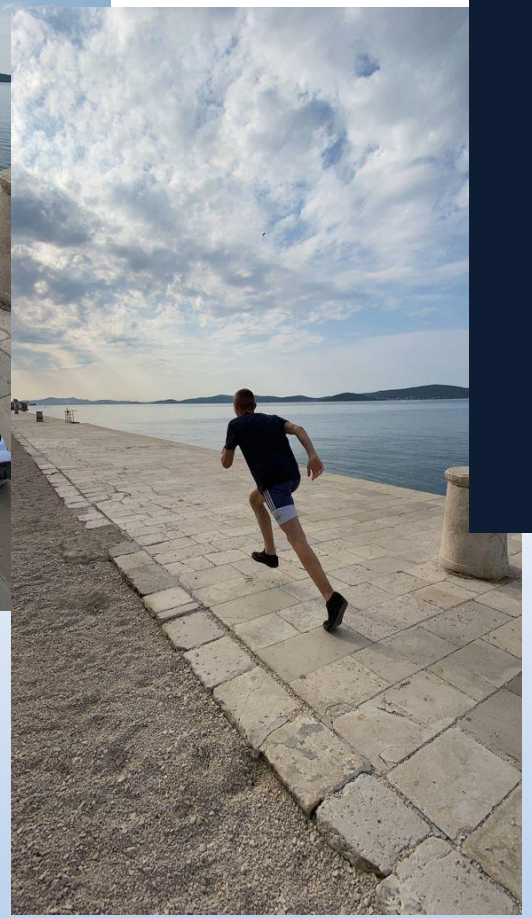
Matematika i Scientix

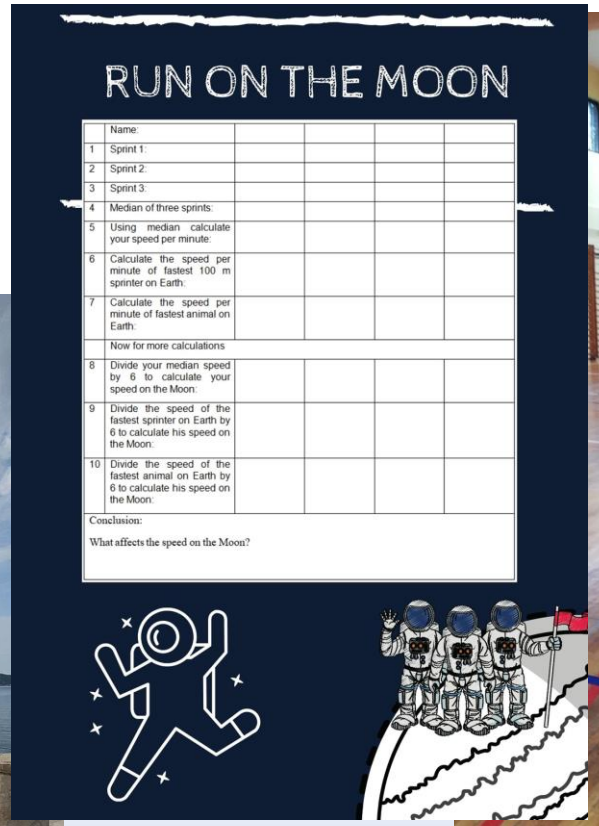


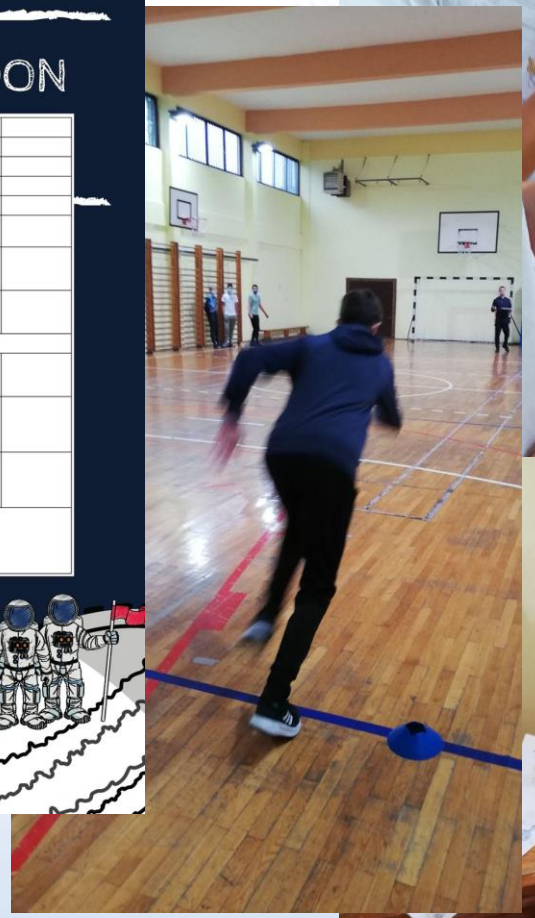
Matematika i Scientix

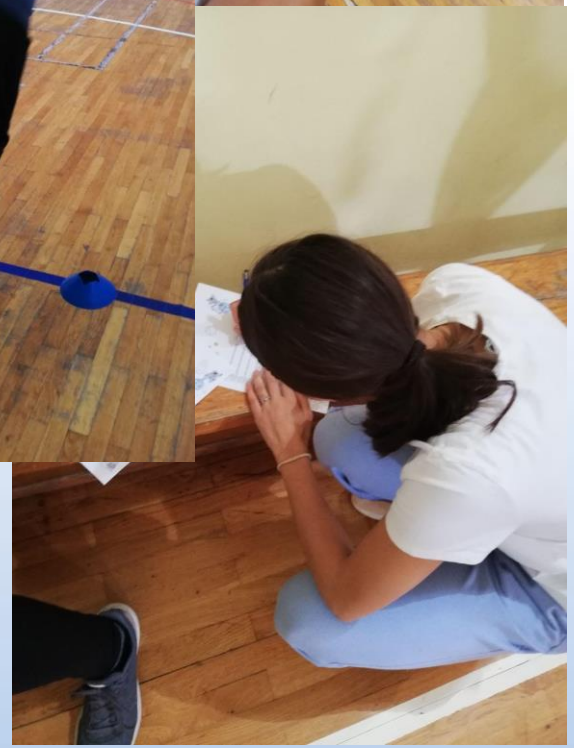




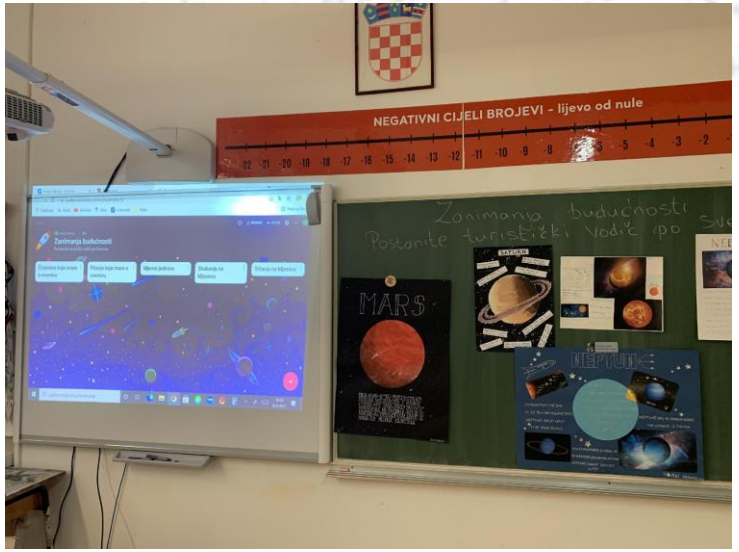






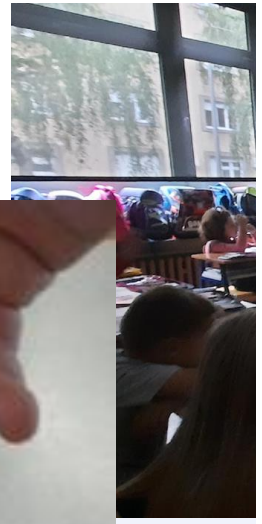


Geografija i Scientix



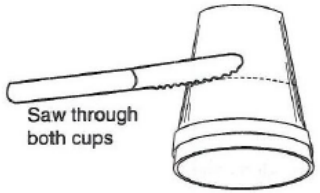
Informatika i Scientix

Tehnička kultura i Scientix

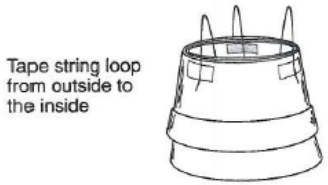


Procedure: Make the End Effector

1. Have the robotics engineers work in pairs or small groups.
2. Nest the two cups together and cut through both cups where indicated in the diagram by the dashed line. Smooth the cut edges by scraping them with the picnic knife edge.



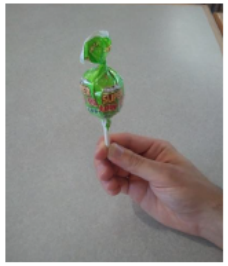
3. Cut three 12-centimeter lengths of string.
4. Tape the end of the first string to the side of the inner cut just below the cut edge.
5. Tape the other end of the string outside of the cup, but do not press this piece of tape tightly yet.



6. Repeat Steps 5 and 6 twice more, but place the strings about a third of the way (120 degrees) around the cup from the first string.
7. While holding the rim of the inner cup, rotate the outer cup until the three strings cross each other. The strings will have some slack. Pull the end of the strings on the outside until they are straight and intersect exactly in the middle of the opening. Press the tape on the outside to hold the strings.

Procedure: Use the End Effector

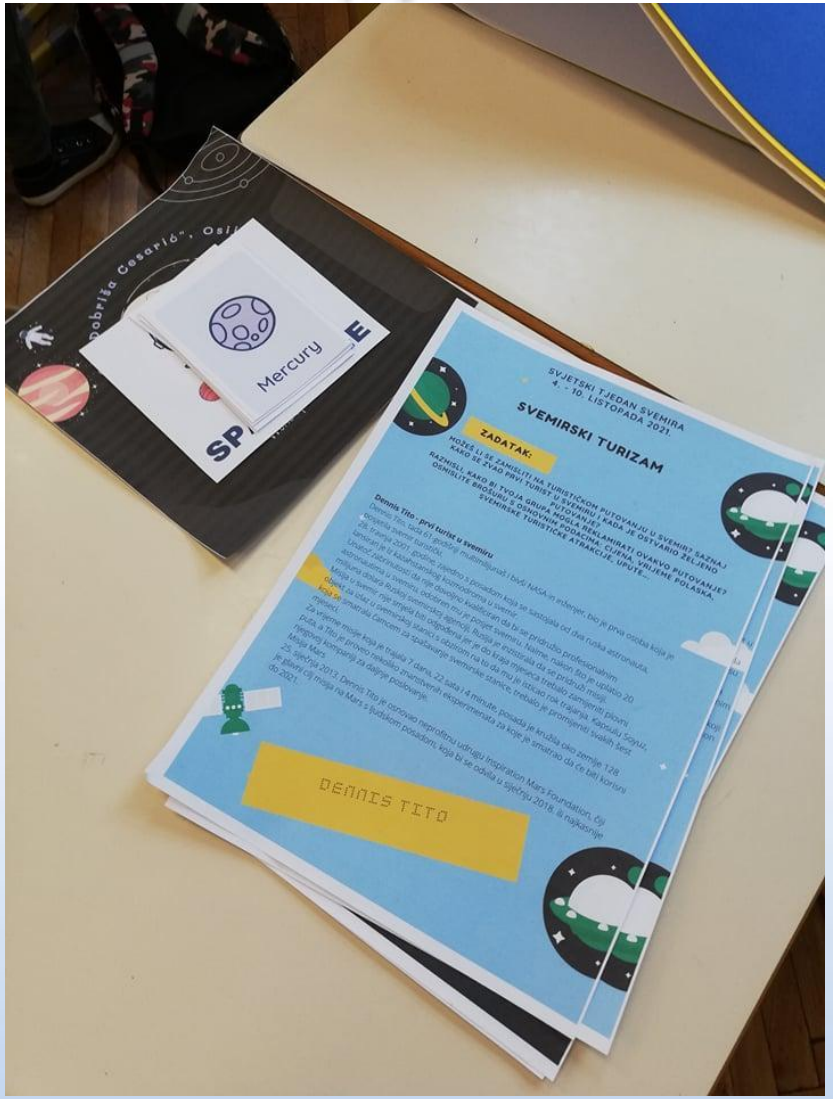
1. Use the end effector to pick up the lollipop. Have someone hold the lollipop upright.



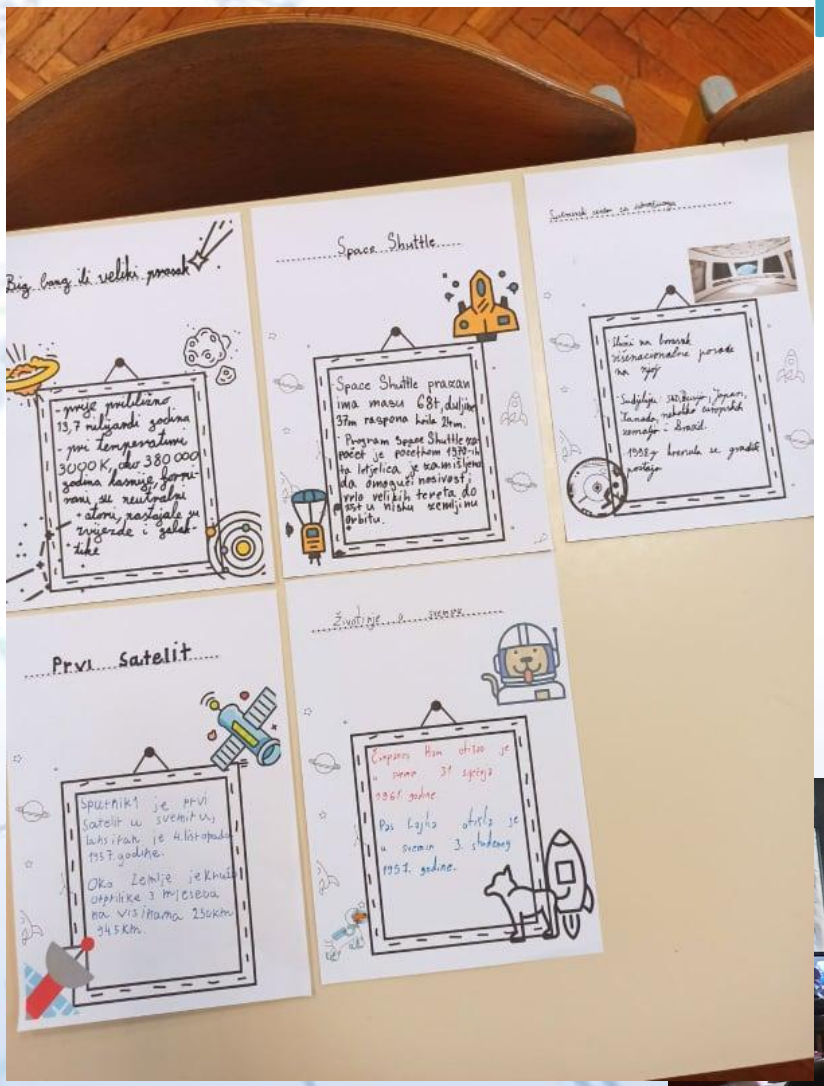
2. Open the end effector so that the strings are not crossing each other.

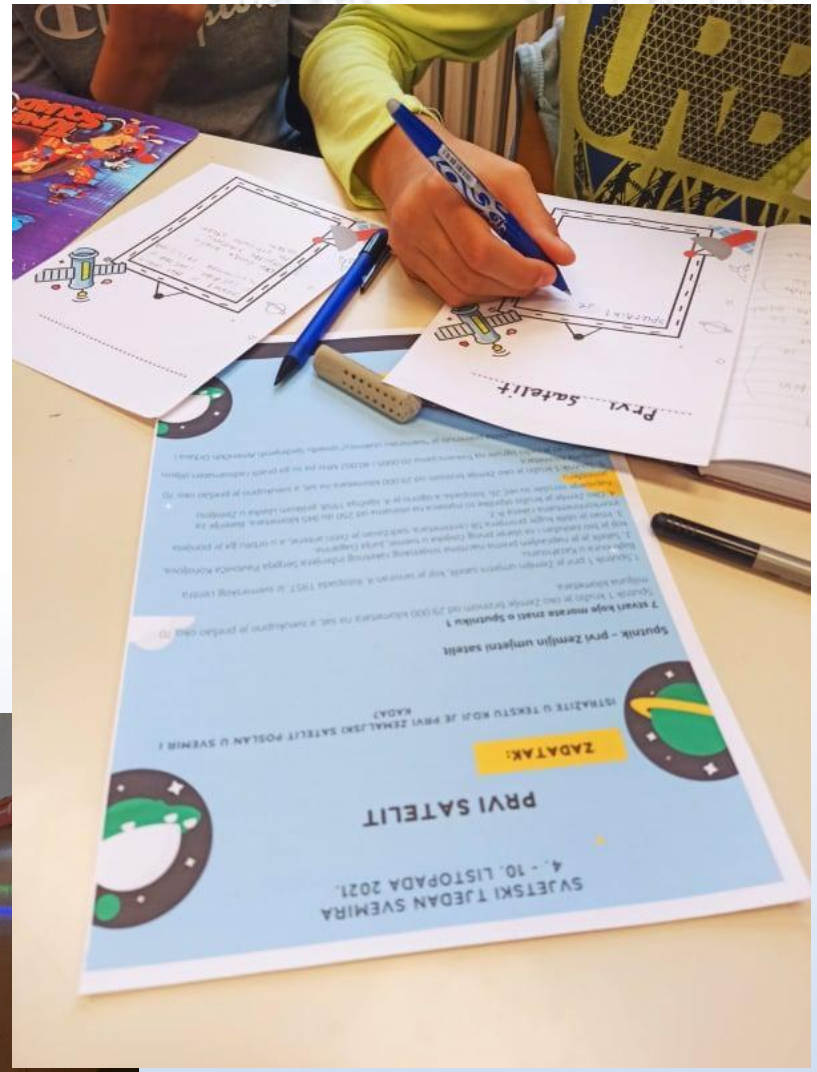
3. Slip the end effector over the lollipop so that the straw extends down the center and not through the loops.

Povijest i Scientix

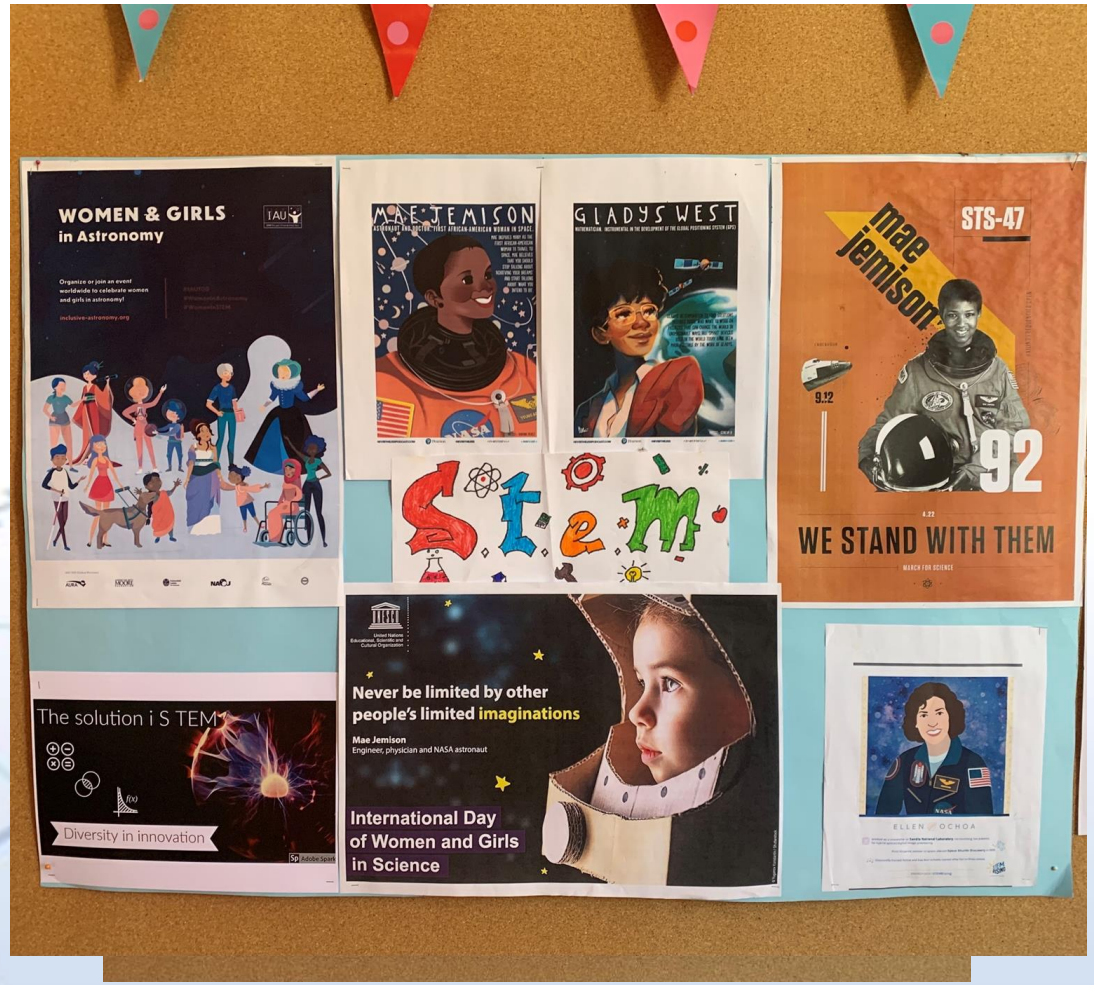


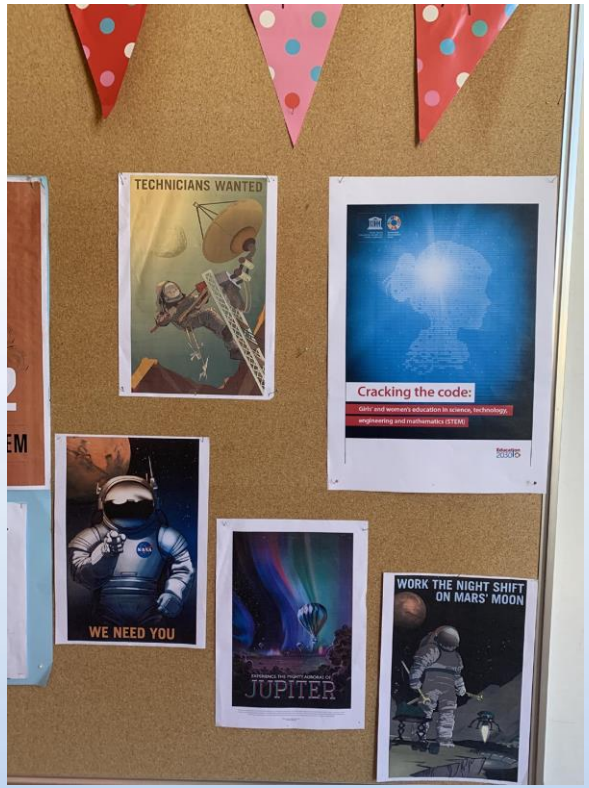
Povijest i Scientix



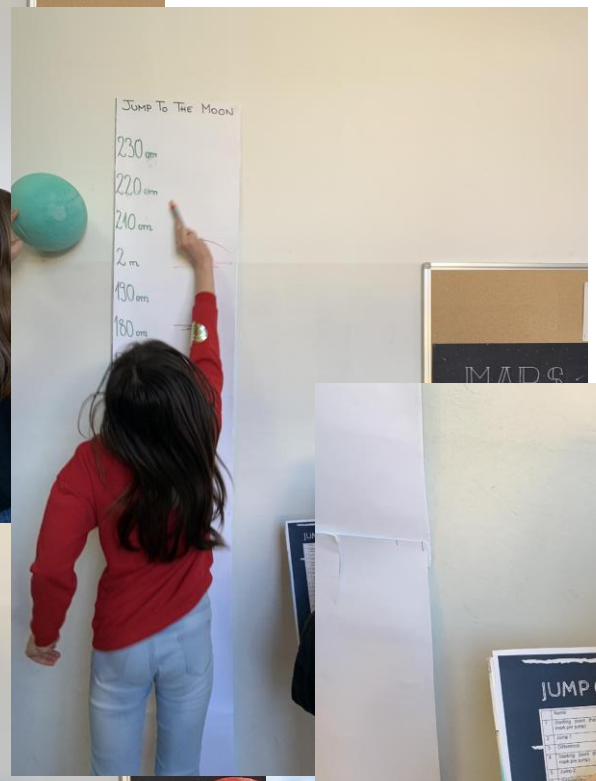


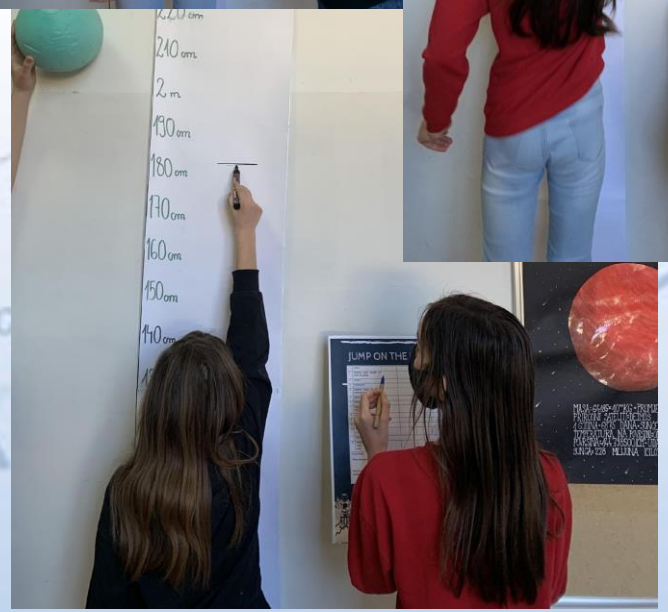
Astronomija i Scientix

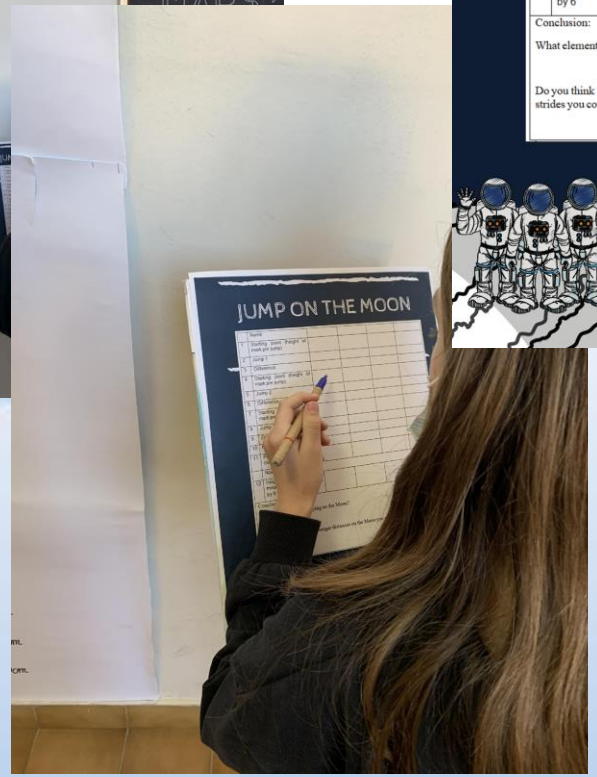


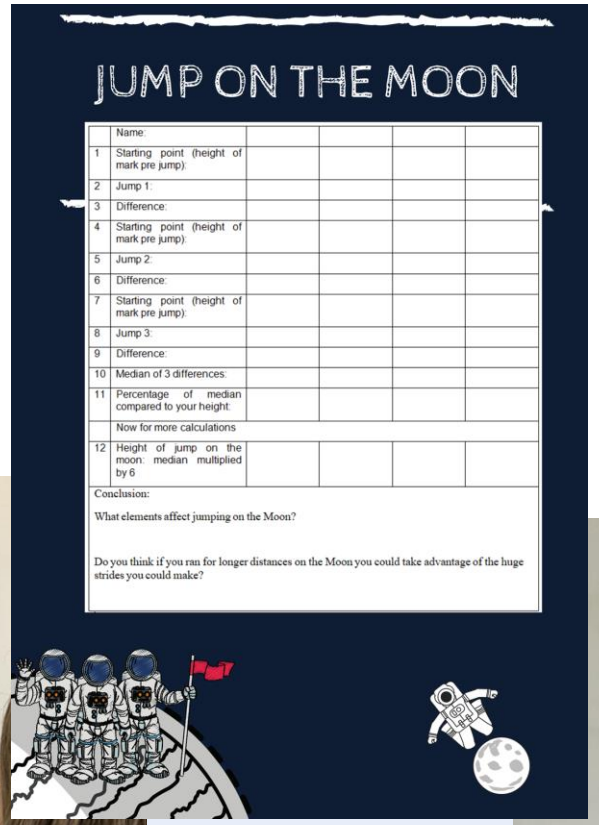


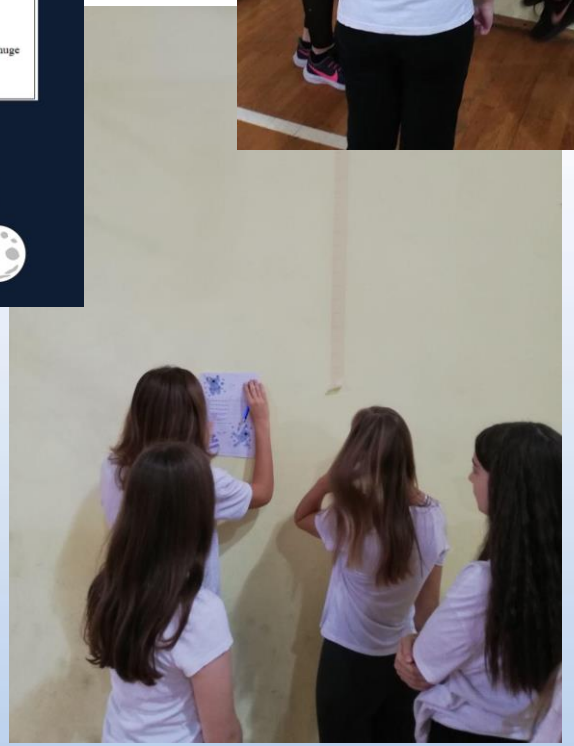
Fizika i Scientix











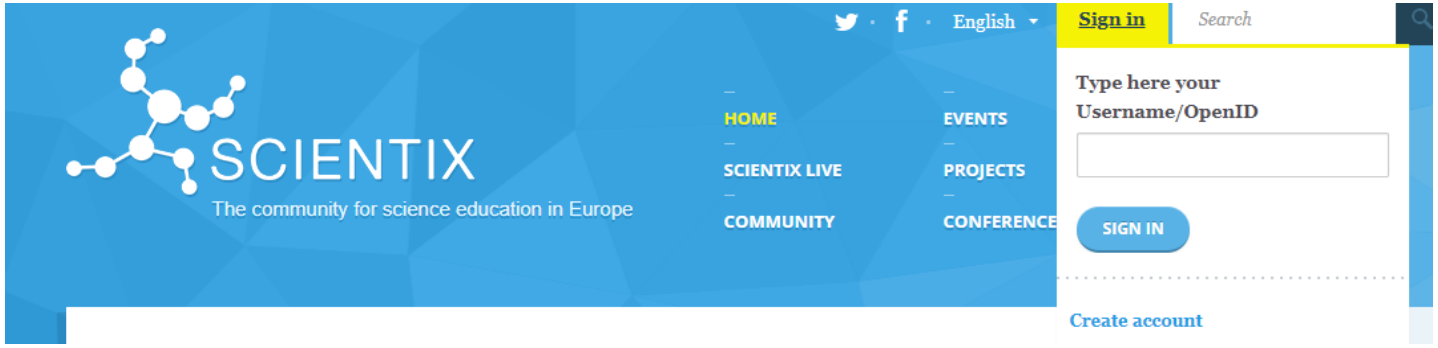
1. http://scientix.eu

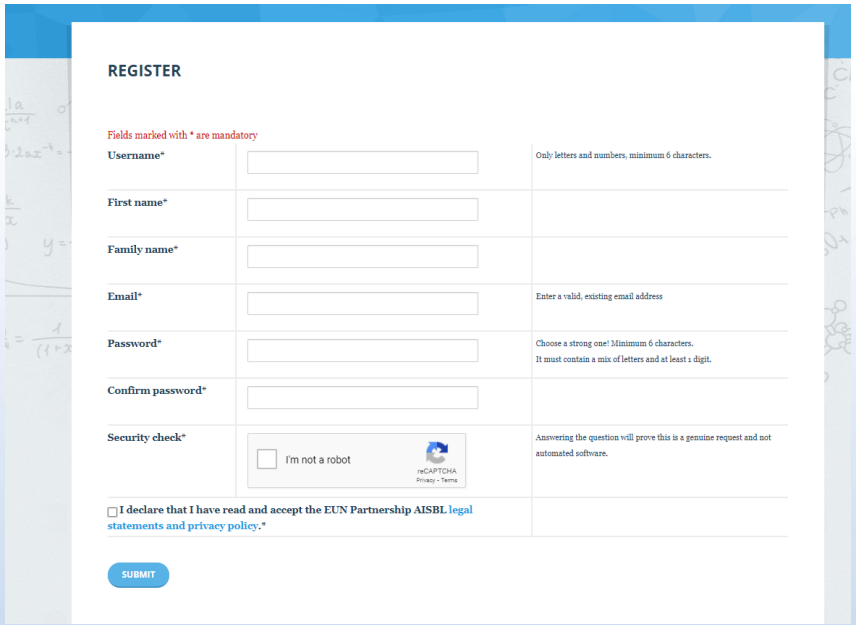
2. **Registirajte se**

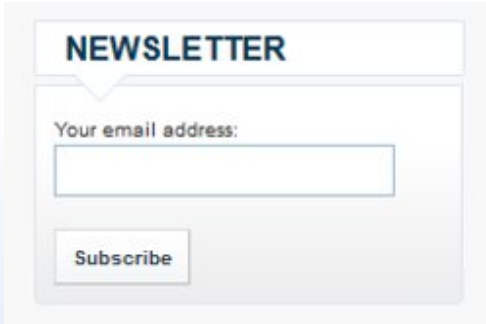
Spremi lozinku i email koju ste dobili od EUN.

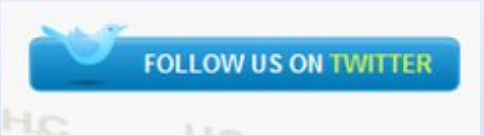
Ti podaci postaju dio same platforme.

Budite sigurni da ste spremili korisničke podatke kojima ste se registrirali.





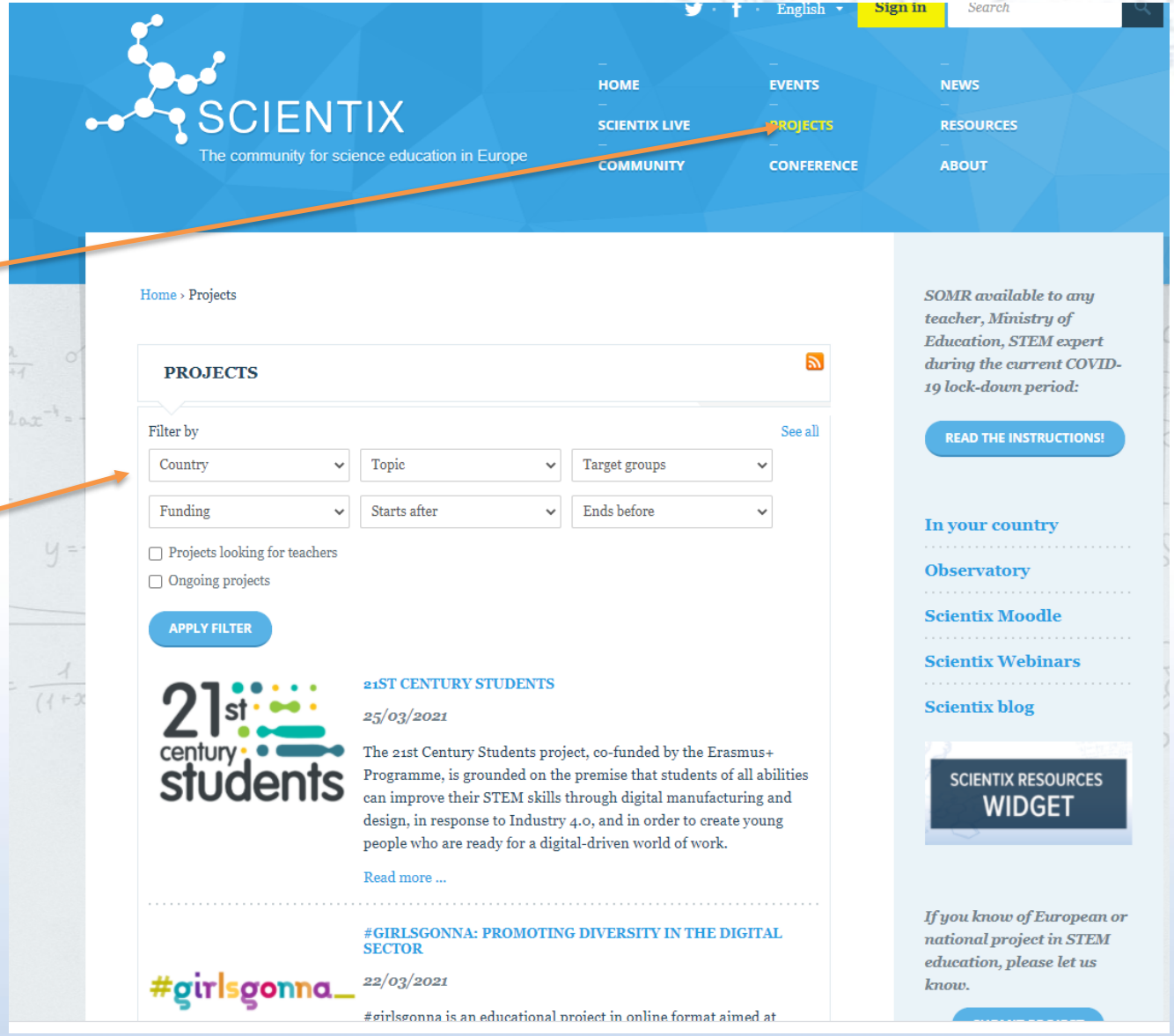




@scientix_eu

Pretraživanje projekata

Filteri



Nastavni materijali

Izvještaji

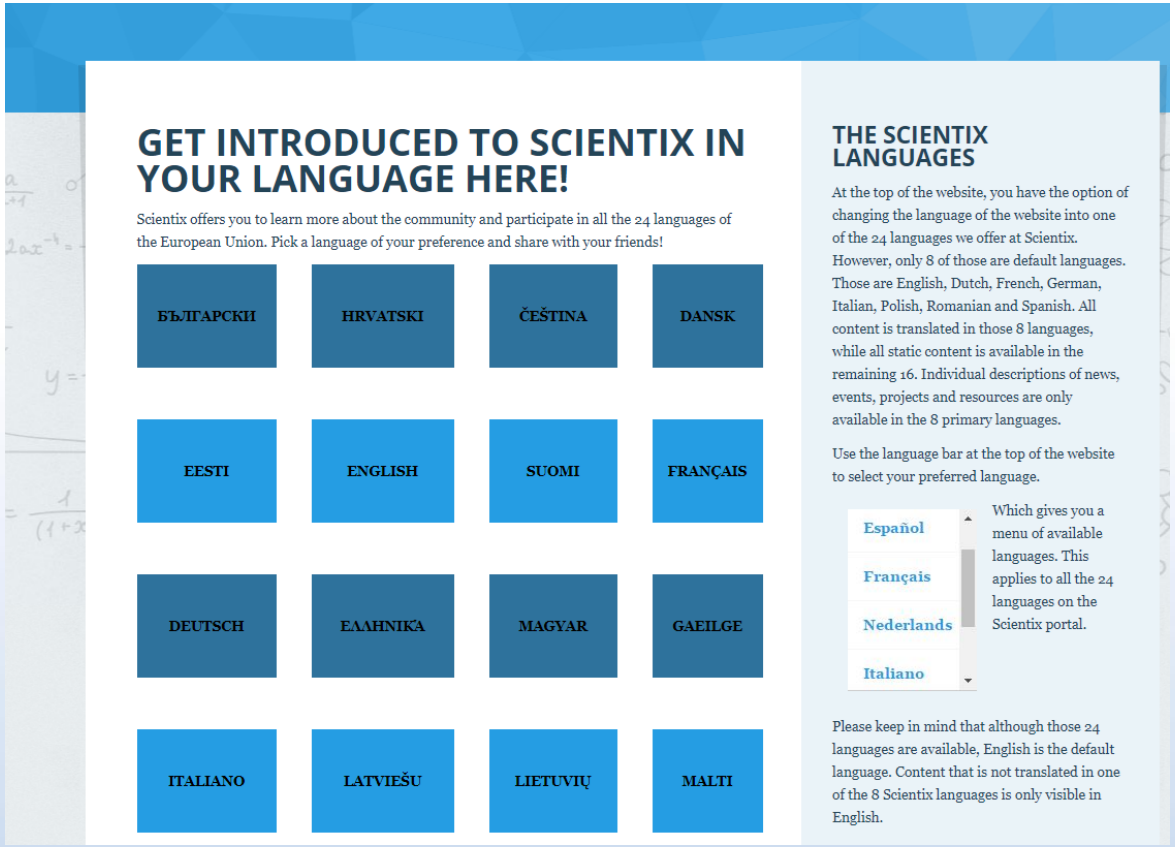
Stručna usavršavanja

Razmjena resursa

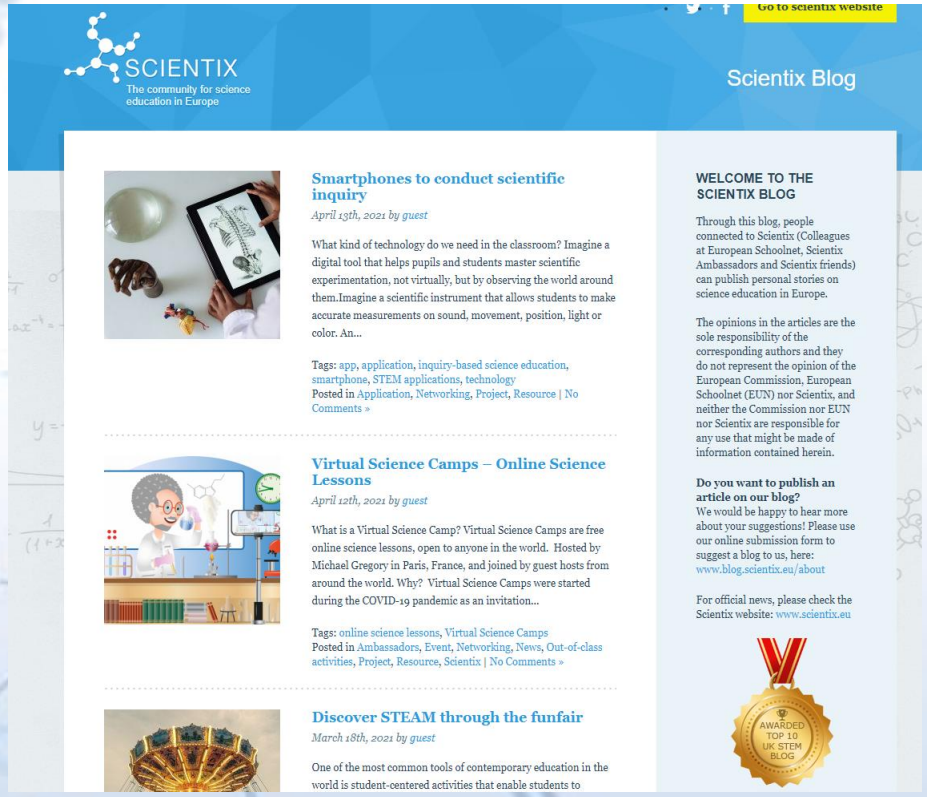
Mogućnosti

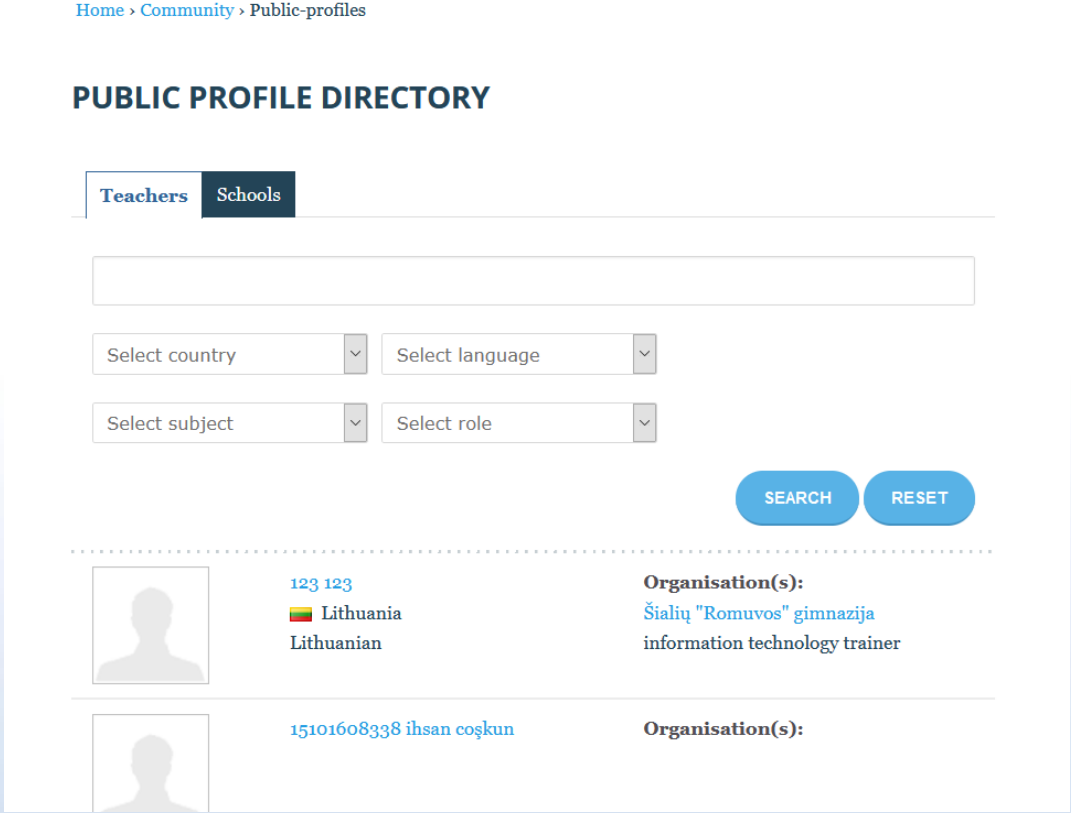
Na ovaj se način ruši jezična barijera, te time sve više projekata postaje dostupno korisnicima iz Hrvatske

Izgovor kako je jezik problem za uključivanje u projekte postaje na ovaj način besmislen.



Objavite članke





STEM Discovery campaign 2021

PARTNER PROJECTS

SCIENTIX
Life Terra
STEAM IT
ATELIER FOR STE@M
europeana education
STEM School Label
STEM Alliance
Spellman CLEAN TECH COMPETITION CSTL
LabXchange
BRITEC
AutoSTEM
Amgen | Teach
Engaging Science Educators
DUET
Nanoinventum

PARTNER ORGANISATIONS

Microsoft
European Schoolnet
futurum
eurostat
Britannica Digital Learning
Vita21
DIGED
openhub
eu-track
TRAPEZE.DIGITAL

Podrška

NCP (CARNET): Tina Marković

Scientix ambasadori

2014. dva ambasadora

2016. osam ambasadora

2021. dvadeset i jedan ambasador

Croatia
Karolina Brleković, kbrlekovic@gmail.com
Ivan Decker, ivan.decker@gradionica.hr
Bosiljko Đerek, bosdjerek@yahoo.com
Marija Gaurina, marija.borozan1@skole.hr
Marica Jurec, marica.jurec1@gmail.com
Barbara Mandusic, barbara_susanj@yahoo.com
Josipa Matotek, josipa.matotek@gfos.hr
Sonja Pospišil, sonja.pospisil77@gmail.com
Anita Simac, anita.simac@skole.hr
Lana Sojat, lana.saric2712@gmail.com
Milorad Vučković, milorad.vuckovic@vt.t-com.hr
Bojana Oreb, bojana.oreb@skole.hr
Ella Rakovac Bekeš, ella.rakovac@skole.hr
Ivana Zubak Čižmek, izubak@unizd.hr
Alma Suto, alma.suto@skole.hr
Mirela Radosevic, radosevic.mirela1@gmail.com
Sunčana Mumelaš, suncezgb8@gmail.com
Anita Čorak, anita.corak@skole.hr
Maja Mačinko, xjamax@gmail.com
Aleksandra Brmbota, aleksandra.brmbota@skole.hr
Slavica Bernatović, slavica.bernatovic@gmail.com

Mogućnosti

Učiteljima Scientix nudi nastavne materijale iz stotina europskih projekata.

Materijali su dostupni na 8 jezika:

nizozemski, engleski, francuski, njemački, talijanski, poljski, rumunjski i španjolski.

Postoji mogućnost – prijevod na zahtjev.

Ako tri registrirana člana Scientix zajednice zatraže prijevod na hrvatski jezik, službeni prevoditelji će prevesti tražene materijale.


STEM School Label
cell EXPLORERS
Photonics explorer
Fibonacci project
hulda festi
kidsINN science
Chain Reaction
eNgineer
GO-LAB
ONLINE LEARNING BY EXPERIMENTING
IncluSMe
Intercultural learning in Science and Mathematics initial teacher education
eCraft2Learn
COMPASS
FEAST
openSKIMR
Primas
PROMOTING INQUIRY IN MATHEMATICS AND SCIENCE EDUCATION ACROSS EUROPE
U4energy
PARISE
NANO Channels
inGenious
STEM FOR YOUTH
ENJOY. SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS.
ATELIER FOR STE@M
FaSMEd
mascil
STEM@SCHOOL
Score
Open Schools for Open Societies
ScienceArt@Umbria
space
PATHWAY
NANOPINION
Integrated Teaching Project
Bütünleşik Öğretmenlik Projesi
PROFILES
nano TOUCH
ASTRONET
nano dialogue
Make the Link
KiiCS
STEM PD Net
European STEM Professional Development Centre Network
bloom
p·o·l·l·e·n
UNIVERSE AWARENESS
Se secure
SCIENCE EDUCATION CURRICULUM RESEARCH
TEMI
engage
OPEN DISCOVERY SPACE
NANO YOU
Nanoinventum
Creando el nanofuturo desde primaria
</DIS-C3DE>
BOOSTING SCIENCE
timefornano
ASSISTME
UniSchooLabS
INQUIRE
M & L
Maths&Languages
STEM FOR ALL
CREATIONS
Developing an Engaging Science Classroom
SAILS
Strategies for Assessment of Inquiry Learning in Science
DESIRE
natural europe
GLOBAL excursion
Extended Curriculum for Science Infrastructure Online
UMI
SCI
ED
Hypatia PROJECT
FIT4 FOOD 2030
Science Center To Go
S-TEAM
FIRING UP SCIENCE EDUCATION
Otevřená věda
Otevíráme přímou cestu ze škol k vědě
e-Bug
Establish
stimey
quantum spinoff
OPEN SCIENCE RESOURCES
creative little SCIENTISTS
VIDA BIOLOGY
calibrate
Learning Resources for schools
eTwinning
MST
edu SCIENCE
DynaLearn
Xplore Health
LINKS
Learning from Innovation and Networking in STEM
iMuSciCA
EU-HOU
pri-sci-net
inquire investigate evaluate connect
eItems
KEPLER ISS
SERA
Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe
SCHOOLS TUNE INTO MARS
eris
traces
Inspire
SEEP
NanoEIS
Hello
ASTROEDU
SCICOM
STENCIL
HELENA
Higher Education Leading to ENgineering And scientific careers
BioCannDo
Bioeconomy Awareness and Discourse Project
Make the Link
EU HORIZON 2020 Project
newton
Networked labs for training in sciences and technologies
melt
LEARNING RESOURCES FOR SCHOOLS
ASPECT
the discover COSMOS
Climate guide.fi
CarboSchools
CoReflect
Digital support for Inquiry, Collaboration, and Reflection on Socio-Scientific Debates
STEM-COOKING
GREEN SCHOOLS
Erasmus+

Hvala