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KA201: Strategic Partnerships for school education



RoboPisces

**"innovative educational ROBOTics
strategies for PrImary School Experiences"**

Newsletter No.9





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Editorial

Dear RoboPisces follower,

the project's activities have almost come to an end and it was a privilege to work with so many passionate experts on education and robotics.

Thanks to the enthusiasm of partners and students it has been a wonderful journey. The experience with curricular robotics raised interest and many request to know better the contents of the project have arrived.

Stay tuned with the project progress by following our newsletters, social network accounts and web site (www.robopisces.eu). At the end of the project, the OER of the intellectual outputs aill be available at the official website and at the Erasmus+ Results platfom.

The RoboPisces team





Transnational project meeting in Riga



#TPM3

Finally back together again! Fruitful meeting in Riga to decide future strategies for the project.



Minister of Education at Maria Regina College School




#Welcome Minister

The project hosted a very special guest in Malta: the Minister of Education visited our partner, the wonderful Maria Regina College Saint Paul's Bay primary school. The project's activities were presented and demonstrated with enthusiasm by all the school's staff and students.





Tiny Teen Science Cafè



#Nice2MeetU

The Hybrid tiny Teen Science Cafè @ MRC St. Paul's Bay connected students of the year 4, 5 and 6 at MRC SPB and engineers at UNIVPM. They discussed about robotics, what it takes to build a robot and what it takes to be a roboticist.

Why do we need robots?

complicated, tough or boring work

↓

Robots can help!

Robotics is the branch of science focused on learning about and creating robots or machines that can do complicated, tough or boring work.


You don't have to be an adult to learn robotics!

Hardware of the robot

Speak the language of the robots!

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Educational Robotics and gender issue at DIDACTA 2022



#Didacta2022

Coding e Robotica educativa come strumenti per il superamento del gender gap
Daniela Bagattini & Beatrice Miotti

One of the most important event for education in Italy is organised by INDIRE (the National institute of documentation, innovation and educational research). Within this event the workshop «Coding and educational robotics as tools for closing the gender gap» hosted the presentation of some experience from the project.

Lavorare sul genere a scuola con coding e robotica educativa

Adozione di un approccio gender sensitive

Approfondimento specifico sui temi di genere

RoboPisces


- Marine Educational robotics
- Marine environment
- 3D printing activities
- Wireless communication (IoT)

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Educational Robotics and learning a second language




#ROTECO_2022

The RoboPisces project met the Roteco community of teachers during an interesting event on «Language learning and intercultural exchange using educational robotics».




Machine or robot unplugged




<https://wordwall.net/resource/14743701>

Progettazione della lezione

Titolo	MACHINE OR ROBOT
Classe	4/5 Primaria
Collegamenti interdisciplinari	tecnologia, arte e immagine
Prerequisiti	Reading di brevi testi accompagnati da immagini
Competenze chiave	Comunicazione in una lingua straniera comunicativa
Conoscenze	Nomi di oggetti: nomi delle parti di un robot, nomi delle parti di una macchina
Abilità	Leggere e comprendere brevi testi, accompagnati preferibilmente da supporti visivi, cogliendo il loro significato globale e identificando parole e frasi familiari.
Competenze	Definire per iscritto, anche in formato digitale e in rete, per esprimere informazioni e stati d'animo, semplici aspetti del proprio vissuto e del proprio ambiente ed elementi che si riferiscono a bisogni immediati.
Metodologie	attività laboratoriali, attività in piccolo gruppo
Tempi	2h
Strumenti	device



ROTECO AFTERWORK
3 MAGGIO 2022
17H-18H15
ONLINE



Educational Robotics and Digital Humanities



#DigitalHumanities

Digital Humanities is a relatively new academic field which combines the activities of computing or digital technologies and the disciplines of the humanities. Educational robotics, and robotics in general, live and prosper at the intersection of many disciplines. Students of the master degrees were presented with this new approach to the development of products, knowledge and skills, also thanks to the RoboPisces experience.





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<https://www.researchgate.net/project/Innovative-educational-ROBOtics-strategies-for-Primary-School-ExperienceS-RoboPisces>

