



Erasmus+



# ONCE UPON A TIME...THE SEA

PROJECT FINANCED BY THE EUROPEAN UNION - ERASMUS + PROGRAMME  
KA229 - EDUCATION, INTER-SCHOOL EXCHANGE PROJECTS

REFERENCE NUMBER: 2018-1-RO01-KA229-049131\_1

## ACTIVITY REPORT NOVEMBER - 2020

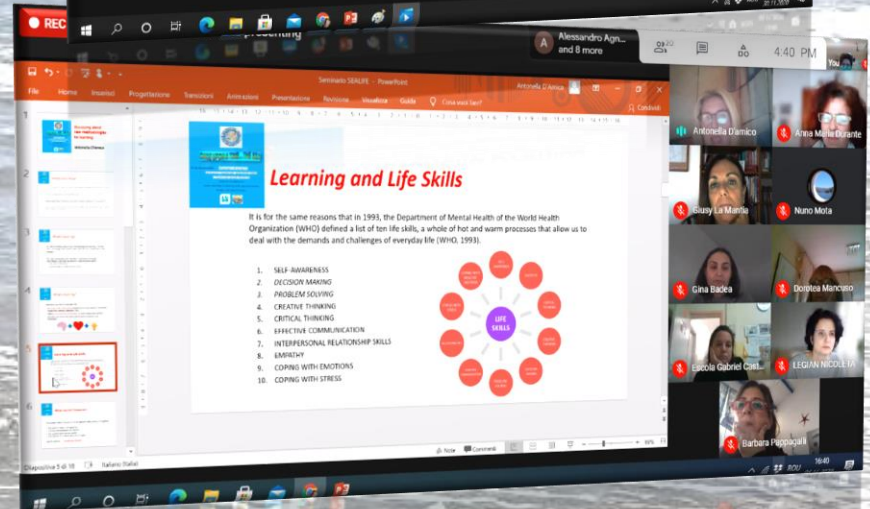
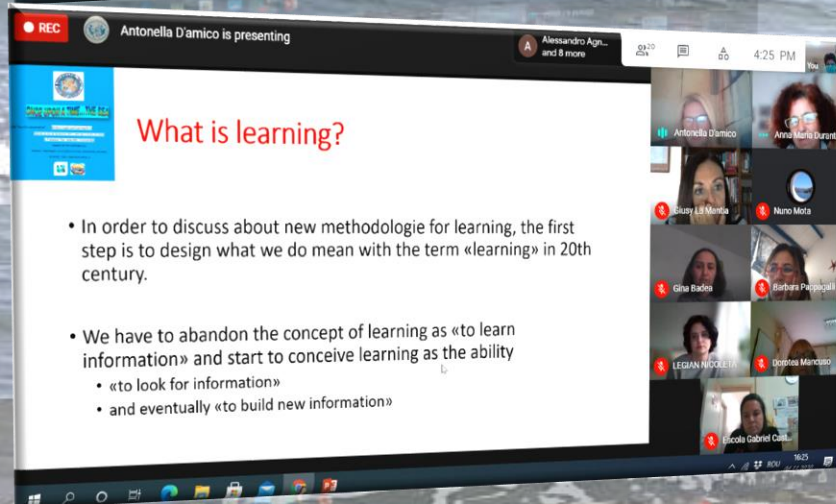
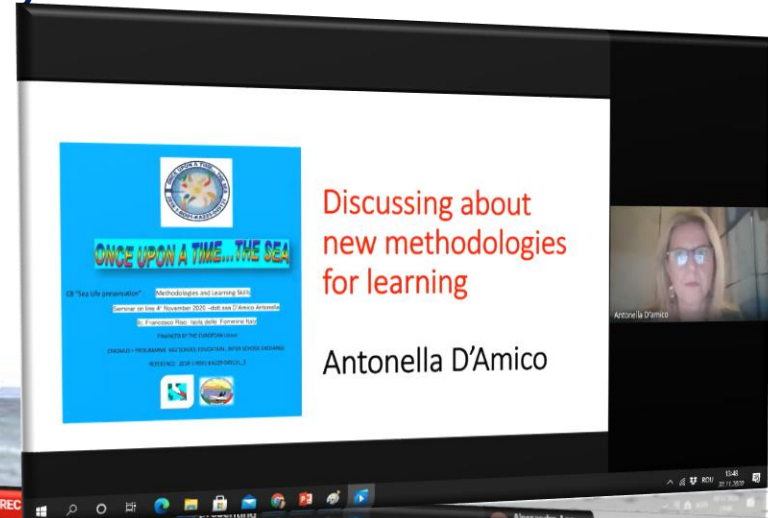
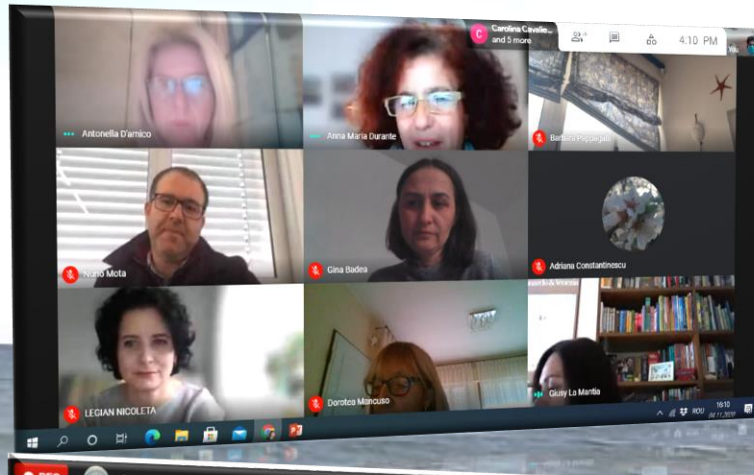
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Members of the project team participated in a seminar entitled  
*New methodologies for learning*,  
organized by the partner school in Italy in collaboration  
with the Department of Psychology Educational Science and Human Movement  
of the University of Palermo







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Antonella D'amico is presenting

4:46 PM

### What is Educational robotics?

Educational Robotics (ERL) refers to the application of robotics in an educational context.

- In this approach, students acquire specific skills (e.g., knowledge of electronics, electronics, robotics) and develop strategic and dynamic capabilities in a playful context that is supposed to increase a learner's motivation and engagement and to facilitate learning.

Sensors (tactile system)  
Motors (motor system)  
Wheels (locomotor system)  
Central processor (brain)

Antonella D'amico is presenting

5:14 PM

### Why to use Educational Robotics?

- In one of our recent paper (D'Amico e Susatella, 2018) we also discussed new ideas about the use of educational robotics in social-emotional learning.
- Robotics could allow children to acquire some of the basic aspects of human emotions and emotional functioning, and to understand how these relate to the mind and body.
- This allows students to reflect on new neuroscientific concepts regarding body-mind and cognition-emotion relationships.

Teachers from all partner schools discussed ways to integrate new technologies into teaching and they exchanged good practices.

Antonella D'amico is presenting

5:24 PM

### From the school to the future Robotics and the sealife

Hybrid Soft gripper OCTOPUS External gripper Soft tentacles Soft-bodied robot arm

Soft robot fish Prosthetic Origami robot Soft-bodied glove Octobot

Manus soft Extra adaptability compliant structure

Antonella D'amico is presenting

5:24 PM

### From the school to the future Robotics and the sealife

<https://www.theverge.com/2018/3/21/17143778/robot-fish-realistic-soft-mit-csail-marine-exploration>

<https://youtu.be/YJF2dkRhbJs>

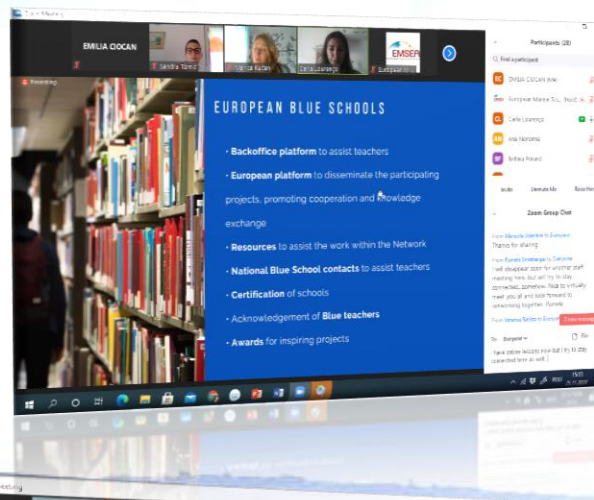




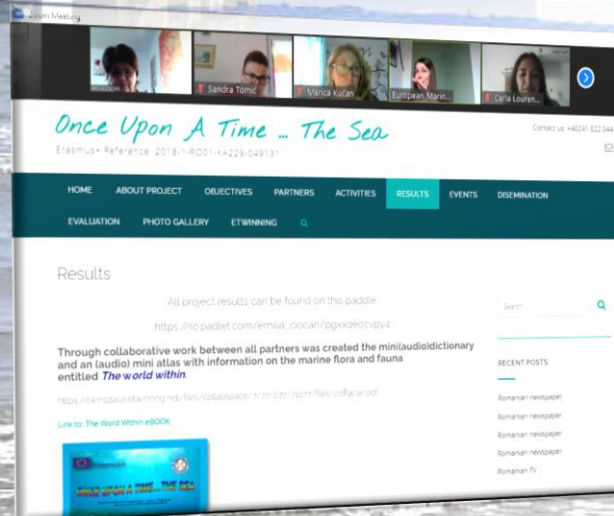
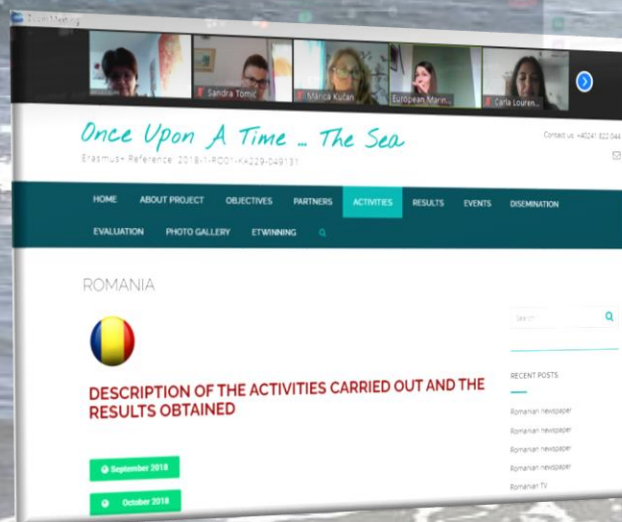
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The project coordinator participated in the engagement session for schools who are unrolling a project to become a European Blue School.



This session organized at European level by the **EU4Ocean Coalition** from Lisbon-Portugal, an initiative funded by the European Commission, was a good opportunity to present the project website and the final products made as a result of the project implementation.





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Realization of the **ERASMUS + INSTANTANEOUS** video and its registration in the **"2' Erasmus+"** contest initiated by the Constanta School Inspectorate, in order to promote at county, national and European level the Erasmus Program and the examples of good practice.

[https://youtu.be/qBV1lwjo\\_pk](https://youtu.be/qBV1lwjo_pk)



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## FORMULAR DE ÎNSCRIERE - pentru echipă de participanți profesori -

Unitatea de învățământ: ȘCOALA GIMNAZIALĂ "LUCIAN GRIGORESCU" MEDGIDIA  
Titlul proiectului: ONCE UPON A TIME... THE SEA  
Nr. de referință al proiectului: 2018-1-RO01-KA229-049131\_1  
Titlul filmului: **INSTANTANEE ERASMUS+**

Secțiunea:

- ☐ ÎNVĂȚĂMÂNT PREȘCOLAR – Tip proiect (KA1/ KA2/ KA3) .....
- ☐ ÎNVĂȚĂMÂNT PRIMAR ȘI GIMNAZIAL – Tip proiect (KA1/ KA2/ KA3) – KA2 .....
- ☐ ÎNVĂȚĂMÂNT LICEAL – Tip proiect (KA1/ KA2/ KA3) .....
- ☐ ÎNVĂȚĂMÂNT VOCAȚIONAL – Tip proiect (KA1/ KA2/ KA3) .....

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Pentru confirmarea anonimizării imaginilor video pentru a respecta prevederile G.D.P.R.,

DIRECTOR,  
Prof. DĂNILĂ SIMONA

