

## Promoting science education in preschool education

### SciLabs in Kindergartens



### Open lesson between Romania and Israel for teaching science in kindergartens

Date: March 3<sup>rd</sup>, 2023, 11 a.m

### Context

In 2020, the Black Sea Universities Network concluded a Memorandum of Cooperation with Constanța County School Inspectorate in order to support education in the pre-university sector on the following topics: STEM, blue growth and interethnic cultural exchange. There were carried out activities in order to assess the situation in schools, workshops with teachers on the three themes, courses, seminars and a series of pilot projects.

In September 2022, it was organized in Vienna, the meeting between Prof. Eden Mamut and Prof. Dan Shechtman (laureate of the Nobel Prize for Chemistry in 2011 for the discovery of quasicrystals) and on this occasion, Prof. Shechtman presented his initiative for promoting science in the education of children from the earliest ages, which led to the organization of science teaching laboratories in several kindergartens in Haifa, Israel.

Following this meeting, it was agreed on the initiation of a collaboration that would allow the transfer of best practices between Israel and Romania in this field.

As a consequence, on November 23<sup>rd</sup>, 2022, it was organized the workshop on "Promoting the Concept of Blue Growth in Early Education". At this event, professors such as Dan Shechtman





and Enrico Sciubba from the University of Rome, presented to the educators from the Constanța County School Inspectorate network, the motivation and ways of organizing science education in the preschool system.

Based on the success of this event, the Kindergarten no. 58 from Constanta signed a cooperation agreement with the Faculty of Natural Sciences from Ovidius University of Constanta and initiated the organization of a science laboratory - SciLab within the kindergarten.

### **The event**

On March 3<sup>rd</sup>, 2023, starting at 11 a.m., at Kindergarten no. 58 from Constanta shall be organized an open lesson, that will be held by a team from “Grigore Antipa” Museum of Bucharest, for the kindergarten teachers from Constanța County.

At the same time, also on March 3<sup>rd</sup>, 2023, from 11 a.m., in Haifa, at a kindergarten to be selected by the City Hall, an open lesson will be organized in a specially dedicated laboratory for kindergarten children.

Between the two events there will be established a video and audio connexion in order to be followed and for the interaction of the participants.

The teachers will be able to make comments, ask questions or formulate proposals.

The aim of the event is to initiate a long-term cooperation between the teaching staff of Constanța and Haifa, in the preschool field.

### **Participants**

Constanța School Inspectorate and the teachers from the network of kindergartens

“Grigore Antipa” Museum of Bucharest

Ovidius University of Constanta, Faculty of Natural Sciences

Mr. Vergil Chitac, the Mayor of the Municipality of Constanța

Prof. Alexandru Mironov

The editors from the Science and Technology Magazine

Romanian National Television

Romania Radio News

