



**The Best of GLOBE Europe & Eurasia 2025**

# FOR OUR KINDERGARTENERS



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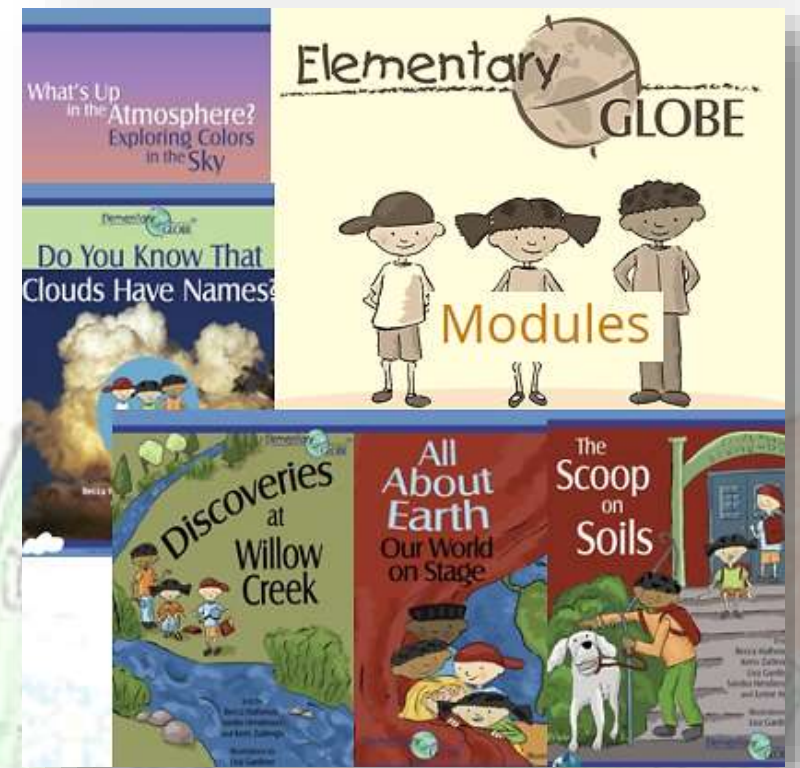
On the GLOBE server, we found **Elementary GLOBE** modules that were interesting to us and prompted us to think about trying to apply them to our kindergartners.

We got in touch with the city kindergarten and agreed on cooperation.



Through working with kindergartners, we want to find out how many globe activities we can apply, whether the youngest are interested in such work and whether educators are ready to accept globe activities.

We assume and hope that the answers to all will be positive.



*Elementary GLOBE modules introduce students to various aspects of Earth system science. The modules use activities to engage students in the scientific method. The modules also challenge them to expand their knowledge of the natural world through observation and measurement in the environment that surrounds them.*

<https://www.globe.gov/web/elementary-globe/overview>

# INTRODUCTORY ACTIVITIES



We were greeted by excited little ones.

In the introductory part, we presented the **GLOBE program** and asked them to tell us if they want to do such activities.

**The answer was a big YES**

**INDOOR ACTIVITIES**

**We divided them into four groups: air, soil, water, biosphere, and conducted a series of interesting experiments with them.**



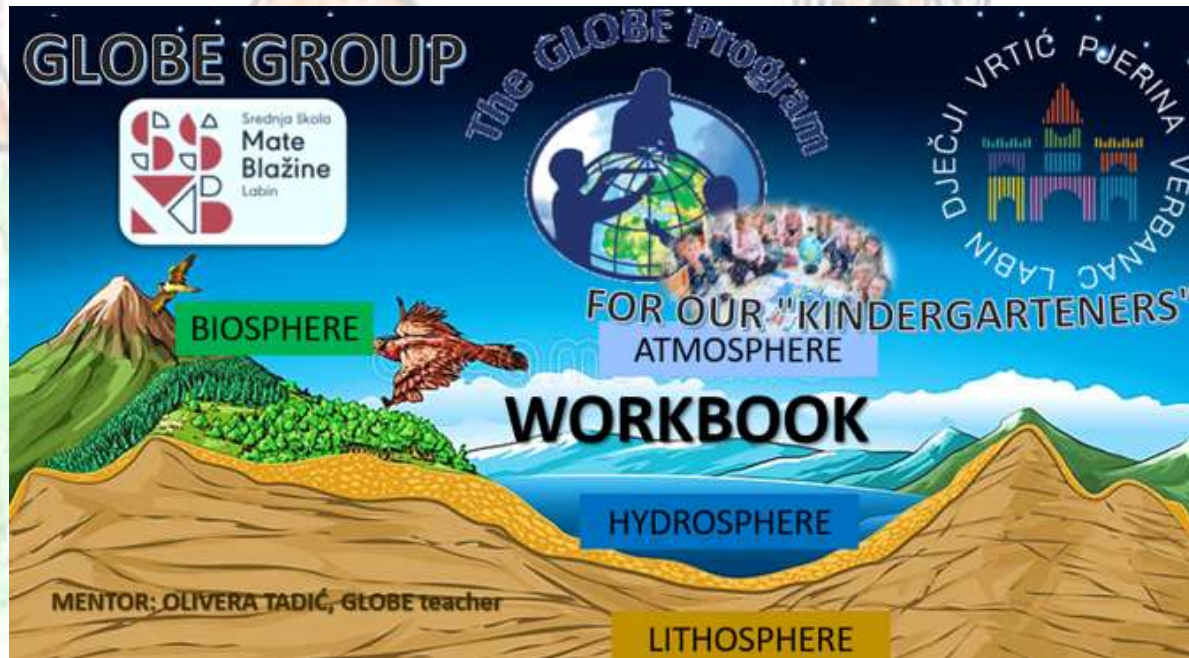
**After the workshops, they drew posters.**



**At the end,  
they presented to each other  
what they had learned**



**Before the next visit** to the kindergarten, we realized that we have to prepare work materials that will help us in our work. We decided on a **workbook** that will contain translations of some **ELEMENTARY GLOBE** modules and some of our own ideas for activities that are interesting for little ones.



**The workbook will also help kindergarten teacher in their daily work on STEM activities.**

**You can view the workbook at**

[https://drive.google.com/file/d/1VzdHVbbqjgJS2eMaBVLeAAboa3dUhb\\_y/view](https://drive.google.com/file/d/1VzdHVbbqjgJS2eMaBVLeAAboa3dUhb_y/view)

WORKBOOK CONTEN
<b>INSTRUCTIONS</b>
<b>A PLAY ABOUT THE EARTH SYSTEM</b>
<b>INDOOR ACTIVITIES</b> <ol style="list-style-type: none"> <li>1. RECOGNIZE THE LANDFORMS</li> <li>2. IDENTIFY THE PARTS OF TREE AND LEAVES</li> <li>3. SYMMETRY OF THE LEAF</li> <li>4. SEASON</li> <li>5. WHAT DO YOU KNOW ABOUT WATER?</li> <li>6. WHAT DO YOU KNOW ABOUT AIR?</li> <li>7. WHAT DO YOU KNOW ABOUT SOIL?</li> <li>8. SOIL, WATER AND AIR</li> <li>9. DO WE KNOW HOW TO HELP THE PLANET?</li> </ol>
<b>TRY IT</b> <ol style="list-style-type: none"> <li>1. WATER CYCLE IN NATURE</li> <li>2. HOW DOES WATER TRAVEL THROUGH THE LEAF?</li> <li>3. WHAT ARE CLOUDS AND HOW ARE THEY FORMED?</li> <li>4. WHERE DOES THE RAIN COME FROM?</li> <li>5. WHEN DOES IT RAIN?</li> <li>6. SOIL COMPOSITION</li> <li>7. AIR POLLUTION "CATCHER".</li> <li>8. BIOSPHERE IN A BOTTLE</li> <li>9. SOIL AND ART</li> </ol>
<b>ACTIVITIES IN THE FIELD</b> <ol style="list-style-type: none"> <li>1. SKY OBSERVATION</li> <li>2. DO YOU KNOW THAT CLOUDS HAVE NAMES?</li> <li>3. WHOSE TREE IS THE "THICKEST" AND "TALLEST"?</li> <li>4. COLOR OF LEAVES</li> <li>5. WHAT IS THE SOIL LIKE?</li> <li>6. WATER, WATER</li> </ol>
<b>WHAT WE LEARNED</b>

# Ribice u provedbi STEAM-a

STEM activities are done during the entire pedagogical cycle.



HOW TO PURIFY WATER?



WHAT IS THE SOIL LIKE?



WHAT COLOR ARE THE LEAVES?



WHAT SHAPES ARE CLOUDS?

# Školjkice obilježile "Outdoor classroom day"



**WATER SAMPLES WERE TAKEN FROM STREAMS, POOLS AND THE SEA**

**THEN THE QUALITY OF THE WATER WAS TESTED**

**"Rekli smo adio jeseni!"**

# **ACTIVITIES IN THE KINDERGARTEN YARD**



**HOW BIG IS THE TREE?**



**HOW TO WATCH  
AND DETERMINE  
THE TYPE  
OF CLOUDS  
IN THE SKY?**



**WHAT IS THE  
CANOPY DENSITY?**



**HOW TO KNOW THE AGE OF A TREE?**

**WHAT TYPE OF SOIL IS IN OUR YARD?**

# The GLOBE students together with prof. Olivera Tadić held a workshop on the topic "Coal".

- Andrea showed the children various **types of coal** and presented them with an **explosion in the mine**.
- Corina educated the children about the **use of coal in the past and today**.
- Cristiana together with kids **filtered water using activated carbon**, sand and cotton wool to emphasize the importance of using coal in our everyday life.



**At the end of cycle, we used various activities from the workbook to check that the content had been mastered.**

We are very satisfied because we have confirmed that kindergarteners like this way of working and that they adopt the contents like "sponges absorb water".



**We are high school graduates and this year we are finishing our education, but we hope that our younger members of the GLOBE group will continue this wonderful cooperation.**