



znanstveni piknik

„Look Up - Cloud Hunters“ - Competition

For the “2022 STEM Discovery Campaign”, projects “GLOBE Program Elementary K-4” and “Science Picnic/Znanstveni piknik 2022” are announcing their first competition - The “Look Up – Cloud Hunters”!



GLOBE® Based on the methodology of the international GLOBE Program and using the GLOBE Observer application.

Udruga



ZNAM



Partner organizations:

-Terms and conditions-

Table of Contents:

I.	SUMMARY	2
II.	DESCRIPTION OF THE ACTIVITY	2
III.	PARTICIPATION AWARDS	3
IV.	REFERENCES	3
V.	WHO CAN PARTICIPATE	3
VI.	COMPETITION DURATION AND TYPE DATES OF THE COMPETITION HELD	4
VII.	ELIGIBILITY	4
VIII.	HOW TO PARTICIPATE	4
IX.	CONDITIONS OF PARTICIPATION	4
X.	AUTHORISATION OF PHOTOS AND TEXT AND LICENSE OF CONTENT	6
XI.	DISCLAIMER	6
XII.	ANNEX	6
	-Annex1 (useful resources and links)	6
	-Annex 2 (Media release for minor)	8
	-Annex 3 (Media release for school/kindergarten)	9

I. SUMMARY:

Name of the competition: “Look Up- Cloud Hunters”

Application: Sending an e-mail to lookup.cloudhunters@gmail.com

by CONDITIONS OF PARTICIPATION in the „Terms and Conditions” document.

Who can participate: Elementary/primary schools/kindergartens students aged 5-11 from the following countries: <https://www.globe.gov/globe-community/community-map>

Observation activity period: 25 April to 29 April 2022

Submission of participant application: To participate in the competition, please send the required data by 29 April 2022

Type of activity: Online and follow up (exhibition on the Science Picnic 2022 / Znanstveni piknik 2022 on 23 September and 24 September 2022)

Technology required: Mobile phone or tablet (with the “Globe Observer” app installed)

Education domain area: STE(A)M, sustainable development, nature, citizen science

Results of the competition: Results of the competition will be announced on web pages and Facebook by PARTICIPATION AWARDS in the “Terms and Conditions” document.

Awards: See the “Terms and conditions” by PARTICIPATION AWARDS

Please use the contact for any query related to the competition and awards:

lookup.cloudhunters@gmail.com

II. DESCRIPTION OF THE ACTIVITY:

The contest will allow the children and teachers to explore the possibilities of the mobile application „**GLOBE Observer**” by observing **clouds and atmosphere conditions**, and taking photos of **interesting clouds** by mobile phone camera or tablet as an art activity with STE(A)M approach. Children will have the opportunity to explore technology and discover that technology can have a purpose and that they can contribute as citizen scientists for a better understanding of the planet Earth as a system. Furthermore, by taking the photos with a mobile camera, children will direct their attention to nature (clouds in the sky) and record their observations with an artistic touch.

The main goals are that the children, together with their teachers and peers, pay attention and explore the world around them, and to raise children's awareness about everyday science possibilities, significantly toward the nature, weather, atmosphere conditions, and clouds observing activities. The activity also contributes to the permanent education of elementary teachers in an engaging and meaningful way.

Key skills – observation, description, photo documentation, and usage of online tools with overall outcome in promoting citizen science engagement.

Specific goals:

- experience inquiry-based and creative approaches by critical thinking that integrate meteorology concepts
- do three-dimensional investigations with young learners
- integrate meteorology concepts with everyday experiences
- teaching young students to observe and record data by scientific methodology
- broaden civic competencies by participation

Taking into consideration that the competition will include preschool and school children, some of the work would be carried out by teachers according to the possibilities of children's involvement.

III. PARTICIPATION AWARDS:

All the schools/kindergartens will get a special „**Certificate of Appreciation**“ for participation in the “Look Up- Cloud Hunters” Competition. All the children participants will get the certificate for becoming „**Cloud Hunters**“. **30 of the most interesting photos of clouds** will be selected and the winners will be awarded by displaying their work (cloud photos) at the Science Picnic / Znanstveni piknik 2022, which will be held in the park of the Museum of Peasant Revolts (“Muzej seljačkih buna”) in Gornja Stubica (Croatia) in September 2022. The photos will be presented by the name of the school/kindergarten, location (city and state), and the date when the photo was taken. The name of children participants will not be announced publicly because of children's privacy protection and due to the involvement of the school/kindergarten in the location. The winners will also get a special certificate for becoming an official „**Cloud Hunter Specialist** „ from the international project „GLOBE Program Elementary K-4“ & “Science Picnic 2022”. All photos received with a proper application (by IX. CONDITIONS OF PARTICIPATION below) will be publicly displayed on the [Wakelet profile](#) by Wakelet collection [“Collaboration & Partners”](#) and [web page](#) of the „GLOBE Program Elementary K-4“ project.

The winners will be announced by 29 May 2022 on the web pages and Facebook on: [“GLOBE Program Elementary K-4”](#) ; [„GLOBE Program Elementary K-4“ Wakelet International](#), [GLOBE Program Elementary K-4“ Facebook International](#); [„GLOBE Program Elementary K-4“ Facebook Croatia](#) ; [Science Picnic Facebook](#) ; [SciencePicnic](#) ; [OUI](#) ; [„OUI“ Facebook](#) ; [Professor Balthazar Association](#) ; [GLOBE Program Croatia](#) ; [Amateur Scientists Association](#) ; [ZNAM Facebook](#)

IV. REFERENCES:

- „Look Up-Cloud Hunters „Competition is a non-profit initiative of the international project „**GLOBE Program Elementary K-4**“ (<https://bit.ly/3xwbhN2>) together with the project “**Science Picnic / Znanstveni piknik 2022**” (<http://znanstvenipiknik.weebly.com/>). The project „GLOBE Program Elementary K-4“ is launched in June 2021 as an unofficial activity of the international „GLOBE Program“(<https://www.globe.gov>). Science Picnic / Znanstveni piknik is a 2-day science popularization event that gathers dozens of associations, schools, and institutions that present their science popularization activities to thousands of visitors. The event celebrated its tenth anniversary in 2021.

- „Look Up-Cloud Hunters“ Competition is a joint activity of Croatian organizations that contribute to the international citizen science movement that invites elementary schools and kindergartens to participate in global citizen science activities. The competition is coordinated by three Croatian non-governmental organizations; **Amateur Scientists Association**, **OUI (Empower-perfect-integrate for development)**, and **Professor Balthazar Association**.

V. WHO CAN PARTICIPATE:

Elementary/primary schools and kindergartens for children **aged 5-11** from **120 countries** around the world. (The GLOBE Program has an agreement with each country to do and record the observations.)

Countries by GLOBE Program agreement: <https://www.globe.gov/globe-community/community-map>

VI. COMPETITION DURATION AND TYPE DATES OF THE COMPETITION HELD:

Clouds observations and taking photos will be open from **25 April 2022 to 29 April 2022**. All required data according to CONDITIONS OF PARTICIPATION should be sent by mail to lookup.cloudhunters@gmail.com by **29 April 2022**.

VII. ELIGIBILITY:

The competition is meant to facilitate experience exchange between educators across the world and inspires others to explore new ways of STE(A)M and sustainable development area by implicating values and fostering lifelong learning motivation.

VIII. HOW TO PARTICIPATE:

1. Do at least 1 “CLOUDS” observation by the “GLOBE Observer” Application from **25 April to 29 April 2022**.

2. Take up to 3 photos by phone camera of interesting clouds from **25 April to 29 April 2022** and become the “**Cloud Hunter**”

Send the photos of the clouds with the following information:

- school/kindergarten name
- date of picture taken
- location: city and state

IX. CONDITIONS OF PARTICIPATION:

E-mail to lookup.cloudhunters@gmail.com should contain the following data to be considered as an **application for the contest**:

1. Up to 3 photos of clouds with the following information:

- date of the photo taken
- school/kindergarten name
- location: city and state

Format for the photo data: Date photo was taken, School/kindergarten name, City, State (Recommended high resolution photos-not specified.)

2. Every photo taken by a child has to have a “**Media release for minor**” (**Annex 2**) signed by a parent (required only for photos of the clouds).

3. Every school/kindergarten has to have a “**Media release for school/kindergarten**” (**Annex 3**) signed by a legal school representative.

-The photos and application for the competition will not be accepted without “Media release for minor” and “Media release for school/kindergarten” .

4. Screenshot of “GLOBE Observer” observation - lookup in the “GLOBE Observer” application by “My Observations” (optional) **or** join the **GLOBE Team "Look Up - Cloud Hunters"** (optional but recommended to collect the proof of the observation taken. Information about joining a team below by “How to join GLOBE Team?”)

- take follow up activities about clouds using resources in Annex 1 (optional)

- write a blog of conducted activity with your students by [Stem Discovery Blog](#) (optional). By writing the Stem Discovery Blog you can also apply for another competition [Scientix Competition 1: STEM Activities](#) (SDC2022), by the deadline of 30 April 2022 at 23:59 CET. (More information on the [2022 STEM Discovery Campaign Scientix Competition – STEM Activities -Terms and Conditions document](#)).

To participate in the competition, please send the required data (according to the IX.CONDITIONS OF PARTICIPATION) to lookup.cloudhunters@gmail.com by 29 April 2022.

All the photos received according to conditions will be displayed publicly on the [web page](#) and the [Wakelet profile](#) of the international project "GLOBE Program Elementary K-4".

About the GLOBE Observer App:

A practical app GLOBE OBSERVER is designed to assist those interested in participating in a citizen science project to get the most out of the experience (video tutorial):

<https://www.youtube.com/watch?v=J9KgKLVFu9U>

A simple **application wizard** guides you step by step. [GLOBE Observer website:](#)

<https://observer.globe.gov/>

1. download the GLOBE Observer application (GO App available on the Microsoft App Store and Google Play Store)
2. Register with an email address or [register using a web form](#)
3. Do the [Clouds](#) observation by GLOBE Observer app wizard. Don't forget to submit the data by clicking the button "Send All cloud data ". For the observation, you can use the simple [Cloud Identification Chart](#) key.

If you are already a GLOBE teacher, do the observations by your GLOBE account (How to become a GLOBE teacher and a GLOBE school): <https://www.globe.gov/get-started/get-started-overview>
GLOBE Team "Look Up - Cloud Hunters"

4. Please join us at **GLOBE Team the "Look Up - Cloud Hunters"** on the "GLOBE Observer" app. (this is not obligatory but it is recommended, to collect the data about a number of measurements and the location of the observers).

Important: The data will be used only for statistical information; only information about a number of measurements in the "Look Up - Cloud Hunters" Competition and the number of observers by Countries will be announced publicly, and a number of countries participated! The GLOBE Team "Look Up - Cloud Hunters" is created specifically for the Competition measurement period (25 - 29 April 2022). After that period you can leave the team just by clicking the button "Leave team" on the Globe Observer app; or, after collecting the data listed above, the GLOBE Team "Look Up - Cloud Hunters" will be erased automatically and the team members will be released.

How to join GLOBE Team?

By entering the "Globe Observer" app account lookup for the sign "?" (down-right), after clicking "?" click the "What is a GLOBE Team" then choose "Find a GLOBE Team", then write a team name the "Look Up -Cloud Hunters" by the filter. You will get the option to join. You will be asked to enter **the "Team Referral Code": GLIDDB3T** and submit. Congratulations! You are now a member of the GLOBE Team "Look Up Cloud Hunters"! (You can leave the GLOBE Team anytime. **Recommended after 29 April 2022 to gather the data**)

The teacher leads the activity and helps students to use the technology and altogether do the observations. The recommended number of observers is up to 5 students.

Happy cloud hunt!

Important: If you couldn't manage to catch a photo of the cloud in your country, join our GLOBE Team the "Look Up - Cloud Hunters" and do the observations or screenshot your observations and send them to lookup.cloudhunters@gmail.com along with the "Media release for school/kindergarten" (Annex 3). All the correctly applied school/kindergarten participants will get the „Certificate of Appreciation“ for participation and all the children participants will get the certificate for becoming the „Cloud Hunter“.

X. AUTHORISATION OF PHOTOS AND TEXT AND LICENSE OF CONTENT:

By sending "Media release for minor" and the "Media release for school/kindergarten" documents, participant agrees that photos of the clouds can be displayed publicly and shared as a dissemination of the projects "GLOBE Program Elementary K-4", "Science Picnic 2022" and partner organizations on different media for educational purpose and the promotion of citizen science and educational purposes.

XI. DISCLAIMER:

Children under the age of 13 should be supervised by an adult. The activity is conducted by a teacher who provides help with the usage of technology and data observations. Always follow the rules and restrictions in your area and guidelines from your local officials, and only participate in GLOBE activities or use the GLOBE Observer app when it is safe to do so.

For the fidelity of the "Media release for minor" and the "Media release for school/kindergarten" documents together with photos and the information attached to the application e-mail lookup.cloudhunters@gmail.com, the sender of the application e-mail is responsible. By creating this Competition, we are conducted by GLOBE Program Policy. More about GLOBE Program Policy: <https://www.globe.gov/about/policies>. All the resources listed in this document are free to use and explore, according to the ® & GLOBE®.

XII. ANNEX:

Annex 1:

Useful resources (GLOBE®) :

"Globe Program Elementary K-4" atmosphere resources: <https://wke.lt/w/s/N8YzKv>

GLOBE Observer Clouds: <https://observer.globe.gov/do-globe-observer/clouds>

GLOBE Observer Resource Library-Clouds: <https://observer.globe.gov/do-globe-observer/clouds/resource-library>

Useful links:

“Science Picnic/Znanstveni piknik 2022” exhibition location:

<https://www.google.com/maps/place/Muzej+selja%C4%8Dkih+buna,+Gornja+Stubica/@45.9846202,16.0142808,17z/data=!3m1!4b1!4m5!3m4!1s0x4765dde7fdf8bb3d:0x76ea1f5c72483adf!8m2!3d45.9846165!4d16.0164695>

-GLOBE Program: <https://www.globe.gov/>

-GLOBE Observer: <https://observer.globe.gov/>

- GLOBE Program Elementary K-4: <https://bit.ly/3xwbhN2>

-GLOBE Program Elementary K-4 Wakelet International: <https://bit.ly/3wxgAL5>

-GLOBE Program Elementary K-4 Wakelet Croatia: <https://bit.ly/3e2lM2Q>

-GLOBE Program Elementary K-4 Facebook International: <https://bit.ly/3e4yBtF>

-GLOBE Program Elementary K-4 Facebook Croatia: <https://bit.ly/3hvASAn>

-Science Picnic/Znanstveni piknik Facebook : <https://www.facebook.com/ZnanstveniPiknik/>

-Science Picnic/Znanstveni piknik: <http://znanstvenipiknik.weebly.com/>

-OUI (Empower-perfect-integrate for development/Osnaži-Usavrši-Integriraj za razvoj): <https://oui.hr/>

- OUI Facebook: <https://www.facebook.com/OUI.za.razvoj/>

-Professor Balthazar Association/Udruga Profesor Baltazar: <https://profesor-baltazar.hr/>

-GLOBE Program Croatia: <http://globe.hr/>

- Amateur Scientists Association/Udruga Znanstvenici amateri-ZNAM: <https://pubweb.carnet.hr/znanstvenici-amateri/o-nama/>

-ZNAM Facebook: <https://www.facebook.com/groups/769148679856335>

Annex 2:

„Media release for minor“ pdf: https://1drv.ms/b/s!Avz-pET_GxbqhC5rhJmAe4gTOnKU?e=8FdXFh

„Media release for minor“

(required only for photos of the clouds taken by children using the phone camera):

(CONSENT OF PARENTS / GUARDIANS FOR MINOR FOR PARTICIPATION IN THE COMPETITION „Look Up - Cloud Hunters“)

With my signature, I give my consent to the teachers and professional associates of the school that my child participates in the "Look Up - Cloud Hunters" Competition which will be held from 25 April to 29 April 2022 launched by the portal of "STEM Discovery Campaign 2022".

With his signature, I also give my consent to share photos that were taken by my child (with information about the photos: Date of recording, Name of School/Kindergarten, and Location: City and State) publicly on the pages of the international project "GLOBE Program Elementary K-4", "Science Picnic/Znanstveni piknik 2022" and their partners, and I also give permission that photos can be used for educational purposes on conferences, networks, and websites.

I also give consent that the photo taken by my child (with information about the photos: Date of recording, Name of School/Kindergarten, and Location: City and State) can be displayed publicly in the exhibition "Science Picnic/Znanstveni piknik 2022" in Croatia. As listed above, I consent that my child uses technology and the "GLOBE Observer" app under the supervision of a teacher. I am also introduced to the terms and conditions of the competition.

Name and surname of the child and school/kindergarten:

(I am noticed that the name and surname of the child will not be displayed publicly according to privacy protection)

Parent's /Guardian's signature _____

Date _____

Annex 3:

“Media release for school/kindergarten” pdf: <https://1drv.ms/b/s!Avz-pET GxbqhC9h4QjIH JFHZ s?e=fbvWbx>

“Media release for school/kindergarten”

(CONSENT OF THE LEGAL REPRESENTATIVE OF SCHOOL/KINDERGARTEN FOR PARTICIPATION IN THE COMPETITION „Look Up - Cloud Hunters“)

With my signature, I give my consent that the school

_____ (school/kindergarten name, address) participates in the "Look Up-Cloud Hunters" Competition which will be held from 25 April to 29 April 2022 and launched by the portal of "STEM Discovery Campaign 2022".

With my signature, I also give my consent to publicly share photos that were taken by the child in my school during the activity under the supervision of the school teacher (with information about the photos: Date of recording, Name of School/Kindergarten, and Location: City and State) on the pages of the international project "GLOBE Program Elementary K-4", "Science Picnic/Znanstveni piknik 2022" and their partners, and I also give a consent that photos (with information about the photos: Date of recording, Name of School/Kindergarten, and Location: City and State) can be used for promotion of the competition the "Look Up-Cloud Hunters" on conferences, networks, and websites for educational purposes.

I also give consent that the mentioned photos can be displayed publicly under the same conditions as above in the exhibition "Science Picnic/Znanstveni piknik 2022" in Croatia. I am also introduced to the terms and conditions of the competition.

Signature of the legal representative and role in the school _____

Date _____