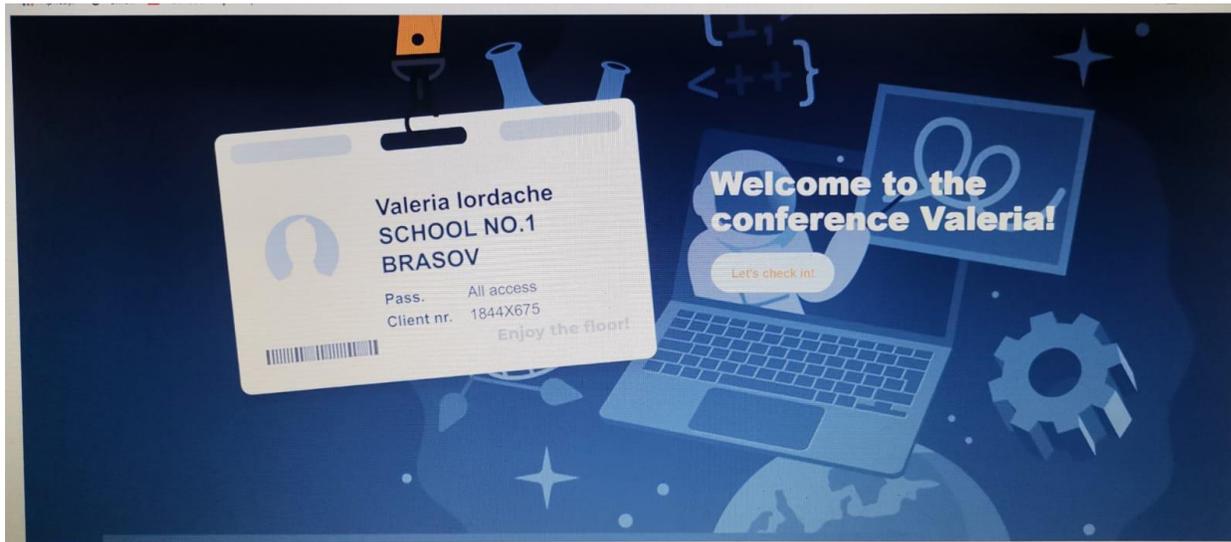


ESA TEACH WITH SPACE ONLINE CONFERENCE 2021

| Time | Type of session | Title | Space theme | Level* | Curricular topics |
|---------------|--|---|----------------|--------|--|
| 6 JULY | | | | | |
| 10:00-10:15 | Welcome session | Introduction to ESA and its education programme | | | |
| 10:15-10:45 | Experiment of the day 1 | The size of the Solar System | Exploration | P, S | Science, Astronomy |
| 10:45-11:15 | Primary 1 - ESA Expert key-note | Climate from Space | Earth Sciences | P | Science |
| 11:15-11:45 | Splinter session 1 - classroom activities | Weather and climate in the classroom | Technology | S | Programming, Robotics and Mathematics |
| 11:45-12:30 | Splinter session 2 - classroom activities | Do it Yourself 3D printed rover | | | |
| 12:30-14:30 | Primary 2 - ESA Expert key-note | Clean Space | Technology | P | Science, Arts |
| 14:30-15:15 | Splinter session 3 - classroom activities | Cleaning space debris | Exploration | S | Physics, Chemistry and Biology |
| 15:15-16:00 | Splinter session 4 - classroom activities | Space exploration activities | Exploration | P | Science, Physics and Chemistry |
| 16:00-16:45 | Splinter session 5 - classroom activities | The science of Space Movies | Earth Sciences | S | Mathematics, Geography, Physics, Biology |
| 16:45-17:00 | Splinter session 6 - classroom activities | EO Browser - Do it Yourself Earth Observation | | | |
| 17:00-17:15 | Primary 3 | Virtual tour of ESTEC facilities | | | |
| 17:15-17:30 | Q&A with ESA Education team | Coming up next... | | | |
| 7 JULY | | | | | |
| 10:00-10:10 | Welcome | | | | |
| 10:10-11:15 | Primary 4 - ESA Expert key-note | Space exploration and sustainability | Earth Sciences | P, S | Physics |
| 11:15-11:45 | Experiment of the day 2 | Ria bag rocket | Exploration | P | Science, Arts, Physics and Biology |
| 11:45-12:30 | Splinter session 7 - classroom activities | Building stuff for space - Spacecraft Materials Kit & Bionic Hand | Exploration | S | Physics and Chemistry |
| 12:30-14:30 | Splinter session 8 - classroom activities | The science of Space Movies | | | |
| 14:00-14:30 | Primary 5 - ESA Expert key-note | How does space benefit society? | Technology | P, S | Mathematics and Programming |
| 14:35-15:15 | Splinter session 9 - classroom activities | Artificial Intelligence | Earth Sciences | S | Mathematics, Geography, Physics, Biology |
| 15:15-16:00 | Splinter session 10 - classroom activities | Understanding our Earth from Space with Easy-to-Use Augmented Reality Apps | Technology | P, S | Programming, Robotics, Physics and Mathematics |
| 16:00-16:45 | Splinter session 11 - classroom activities | Experimenting with sensors made easy | Exploration | S | Physics and Mathematics |
| 16:45-17:00 | Splinter session 12 - classroom activities | Exoplanets in a box | | | |
| 17:00-17:15 | Panel Discussion 1 | The STEAM classroom @ home: Education of the future, how to implement learner-centred and interdisciplinary methodologies in the classroom? | | | |
| 17:15-17:30 | Q&A with ESA Education team | Coming up next... | | | |
| 17:30-18:00 | Trivia & Space Drinks | | | | |
| 8 JULY | | | | | |
| 10:00-10:10 | Welcome | | | | |
| 10:10-10:45 | Primary 6 - ESA Expert key-note | Visible and invisible | Technology | P, S | Physics |
| 10:45-11:00 | Experiment of the day 3 | Seeing the invisible | Exploration | P | Science, Mathematics and Physics |
| 11:00-11:30 | Splinter session 12 - classroom activities | Landing on the Moon | Technology | S | Programming, Robotics, Physics and Mathematics |
| 11:30-11:45 | Splinter session 13 - classroom activities | Plants on Mars | | | |
| 11:45-12:30 | Share your projects | | | | |
| 12:30-14:30 | Primary 7 - ESA Expert key-note | How does space benefit society? | Earth Sciences | P | Science, Geography, Mathematics |
| 14:35-15:15 | Splinter session 14 - classroom activities | Mapping your classroom and beyond | Technology | S | Programming and Physics |
| 15:15-16:00 | Splinter session 15 - classroom activities | Introduction to Astro Pi | Technology | P, S | Programming and Mathematics |
| 16:00-16:45 | Splinter session 16 - classroom activities | Introduction to 3D Design using Tinkercad | Earth Sciences | S | Physics, Chemistry, Geography |
| 16:45-17:00 | Splinter session 17 - classroom activities | Climate from Space in the classroom | | | |
| 17:00-17:30 | Closing session | ESA and Europe's role in the space exploration of our planet and the solar system 2020-2030 | | | |



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I believe in education



International Environment Day- 5 june 2021



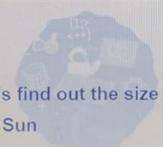
KOSMOS 1 & KOSMOS 2



Launch an Egnaut to Space



Launching rockets



Let's find out the size of the Sun



Let's go with Paxi in Universe@ Paxi return



LIVING ON MY MOON

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active participants 1

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