



ESA TEACH WITH SPACE ONLINE CONFERENCE 2025

| | TIME | SESSION | TITLE | LEVEL |
|-------------------------------|-----------------|---|---|-------------------|
| Wednesday 09 July | 10:00-10:20 | Welcome session | Introduction to ESA and its Education Program | |
| | 10:25-10:45 | Splinter session 1: Classroom Activities | Teach with Space - a journey through the ESA Education primary level resources | Primary |
| | | Splinter session 2: Classroom Activities | Teach with Space - a journey through the ESA Education secondary level resources | Secondary |
| | 10:45-11:00 | Social Activity | Networking Carrousel | |
| | 11:00-11:30 | Plenary 1 – ESA Expert keynote | Satellites studying and monitoring our Planet Earth | |
| | 11:35-12:05 | Plenary 2 – Classroom Activities | Investigating Earth from Space: Tools to access satellite data and practical activities | Primary/Secondary |
| | 12:10-12:40 | Plenary 3 – Challenge | Climate Detectives and Climate Detectives Kids | Primary/Secondary |
| | 12:40-14:10 | | Visit the ESERO and ESA Education booths! | |
| | 14:10-15:10 | Share your project | Teachers present their projects | |
| | 15:20-16:25 | Plenary 4 – ESA Expert keynote | ESA Astronaut talk on space exploration, Q&A | |
| | 16:30-16:55 | Splinter session 3: Challenge | Mission X - train like an astronaut | Primary |
| Splinter session 4: Challenge | | AstroPi and Moon Camp | Secondary | |
| 17:00-17:15 | Closing Session | Coming up next... Q&A with the ESA Education team | | |

| | TIME | SESSION | TITLE | LEVEL |
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| Thursday 10 July | 09:40-10:10 | Plenary 5 – ESA Expert keynote | Space applications: Earth Observation satellites studying biodiversity | |
| | 10:15-10:35 | Splinter session 5: Classroom Activities | Forest kids - FAO | Primary |
| | | Splinter session 6: Classroom Activities | Nexus Island Game on Biodiversity – A collaboration between ESA and EMBL | Secondary |
| | 10:40-11:10 | Plenary 6 – ESA Expert keynote | In search for exoplanets | |
| | 11:15-11:35 | Splinter session 7: Classroom Activities | Exoplanet in a box (using microbit) | Primary |
| | | Splinter session 8: Classroom Activities | Hack an Exoplanet activities | Secondary |
| | 11:40-12:10 | Plenary 7 – ESA virtual tour | Virtual tour of ESEC facilities | |
| | 12:10-12:30 | Plenary 8 – Classroom Activities | Exploring Space through inspirational activities - Meet your guide, Paxi! | Primary/Secondary |
| | 12:30-14:00 | | Visit the ESERO and ESA Education booths! | |
| | 14:00-14:30 | Plenary 9 – ESA Expert keynote | From Low Earth Orbit - To the Moon and beyond | |
| | 14:35-14:55 | Splinter session 9: Classroom Activities | Moon Constitution | Primary |
| | | Splinter session 10: Classroom Activities | Power from sunlight | Secondary |
| | 15:00-15:30 | Plenary 10 – ESA Expert keynote | Use of Artificial Intelligence in Space Missions | |
| | 15:35-16:00 | Splinter session 11: Classroom Activities | Using image recognition to navigate an online rover | Primary |
| | | Splinter session 12: Classroom Activities | Building a joystick to control a device | Secondary |
| | 16:05-16:30 | Plenary 11 – ESA Academy | Getting closer to space after finishing secondary school | |
| 16:30-16:55 | Plenary 12 – ESA Expert keynote | ESA 50 years | | |
| 17:00-17:15 | Closing Session | Let's wrap-up! | | |