



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 Programme	
	10:25-10:45	Splinter session 1: Classroom Activities	Teach with Space - A journey through the ESA Education Primary resources	Primary
		Splinter session 2: Classroom Activities	Teach with Space - A journey through the ESA Education Secondary resources	Secondary
	10:45-11:00	Social Activity	Networking Carrousel	
	11:00-11:30	Plenary 1 – ESA Expert keynote	Earth's Climate from Space: The Long-Term Satellite View	
	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	Observing Earth's climate, building awareness in education	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 and Q&A	
	16:30-16:55	Splinter session 3: ESA Education: Challenge	Health, Nutrition, STEM	Primary
		Splinter session 4: ESA Education: Challenge	Exploration activities on the ISS and the Moon	Secondary
	17:00-17:15	Closing Session	Coming up next... Q&A with the ESA Education team	

	TIME	SESSION	TITLE	LEVEL
Thursday 10 July	09:40-10:10	Plenary 5 – ESA Expert keynote	Space Applications: Systematic Earth Observation from Satellites addressing Climate Change	
	10:15-10:35	Splinter session 5: Classroom Activities	Explore biodiversity with Paxi	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 of exoplanets	
	11:15-11:35	Splinter session 7: Classroom Activities	Exoplanet in a box (using micro:bit)	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 Mars 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	
	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 Expert keynote	Getting closer to space after finishing secondary school: ESA Academy and Early Careers	
16:30-16:55	Plenary 12 – ESA Expert keynote	ESA 50 years - Beyond Borders: Europe's Journey to Space		
17:00-17:15	Closing Session	Let's wrap-up!		