



## ESA TEACH WITH SPACE ONLINE CONFERENCE 2024

	TIME	SESSION	TITLE	LEVEL
Tuesday 02 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 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	Earth Observation	
	11:35-11:55	Splinter session 3: classroom activities	Sensing the environment using Microcontrollers	Primary
		Splinter session 4: classroom activities	Measuring Temperature and Humidity using Microcomputers	Secondary
		Splinter session 5: classroom activities	Investigating Earth from above	Primary/Secondary
	12:00-12:30	Plenary 2 – ESA Expert keynote	Galileo: The European Global Navigation Satellite System	
	12:30-14:00		Visit the ESERO, ESA Education and partners booths	
	14:00-15:00	Plenary 3	Share your project	
	15:10-15:40	Plenary 4 – ESA Education	ESA Interdisciplinary School Projects 2024-2025	
	15:45-16:10	Splinter session 6: classroom activities	Shelter on the Moon	Primary
		Splinter session 7: classroom activities	Could life survive in alien environments?	Secondary
16:15-17:00	Plenary 5	Virtual Tour of ESEC Galaxia and the e-technology lab		
17:00-17:15	Closing Session	Coming up next... Q&A with ESA Education team		

	TIME	SESSION	TITLE	LEVEL
Wednesday 03 July	09:40-10:00	ESA Education	ESA Education Web TV	
	10:00-10:10	Experiments for the Classroom		
	10:15-11:20	Plenary 6 – ESA expert keynote	ESA Astronaut	
	11:30-12:00	Splinter session 8: classroom activities	Hack and Exoplanet Activities	Secondary
		Splinter session 9: classroom activities	Inspire your students with Astronaut activities	Primary
		Splinter session 10: classroom activities	Astro-Pi mission space lab challenge	Secondary
	12:05-12:30	Plenary 7 – ESA Expert keynote	ESA on the forefront of creating new technology demonstration missions: Proba	
	12:30-14:00		Visit the ESERO, ESA Education and partners booths	
	14:00-14:30	Plenary 8 – ESA Expert keynote	Clean Space: Re-entry of Satellites in LEO (Aeolus/ERS 2)	
	14:35-15:00	Splinter session 11: classroom activities	Space Debris Related Activities	Primary
		Splinter session 12: classroom activities	Nexus Island Game on Biodiversity Collaboration between ESA and EMBL	Secondary
	15:05-15:25	Splinter session 13: classroom activities	Earth Observation with Machine Learning	Primary
		Splinter session 14: classroom activities	Driving a rover using Image Recognition	Secondary
	15:30-16:00	Plenary 9 – ESA Expert keynote	What's coming next - ESA highlight activities 2024 and beyond	
16:05-17:00	Plenary 10	Virtual tour of ESTEC facilities		
17:00-17:15	Closing Session	ESA Teach with Space Online Conference wrap-up		