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<i>Tour:</i>	EURO SPACE CENTER Transinne, Belgium
<i>Specialization:</i>	STEM – Science, Physics, Maths and More
<i>Dates Available:</i>	All year round
<i>Tour duration:</i>	5-days / 4-nights (Add-on days available)

THE EURO SPACE CENTER - SAMPLE ITINERARY				
DAY	MORNING	AFTERNOON	EVENING	
1	Travel to EuroSpace, Belgium		Welcome & Safety	Dinner
2	Breakfast	Flight Simulation Training / Moonwalk / Flight Mission & Experiments		Dinner
3	Breakfast	Rocket Theory & Workshop / Multi-Axis chair / Outdoor Space Odyssey		Dinner
4	Breakfast	Rocket Launch / Space Show / Presentation		Dinner
5	Breakfast	Depart Euro Space, Travel Home or to Onward Destination		



Euro Space is a unique European educational centre, dedicated to space travel and learning about the galaxies and planets. This fascinating complex consists of training courses, workshops and numerous exhibitions, where participants can experience an array of interactive and visual displays, with a huge emphasis on 'Making Science Fun'.



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THE EURO SPACE CENTER

This complete programme includes up to 7 hours of activities per day, with the content depending on the duration of stay and the age of the participants. All activities are given by teachers from the Belgian Ministry of Education, who are on secondment at the Euro Space Center, and can be chosen according to the following three space themes:

1. SPACE CAMP

The main objective of the Space Camp is to enable participants to experience the training that has been devised for astronauts during the 50 years of space exploration.

Lectures:

- Astronomy
- History of space conquest
- The International Space Station
- Life in Space

Workshops:

- Building and launching a space rocket
- Integration of a satellite in a clean room
- The introduction into multimedia tools

Simulations:

- Simulation of a mission onboard the US Space Shuttle
- Practise on the multi-axis chair, moon walk, 5DF chair and zero gravity wall



(Above: Zero-Gravity wall / Space Shuttle Mission / Multi-Axis Chair)

2. ASTRONOMY CAMP

The main objective of the Astronomy Camp is to learn more about the sun, moon, the planets, the nebulas and the constellations. Participants will discover their bearings in the sky via sundials and telescopes.

Lectures:

- The Solar System

- Space beyond the solar system
- Exoplanets
- The life of a star

Workshops:

- Design and use of a sky map
- The outlook of the sky
- Day time and Night observations
- Sundial, astrolabe and astronomical telescope



(Above: Astronomy Camp lectures and workshops)

3. ROCKET CAMP

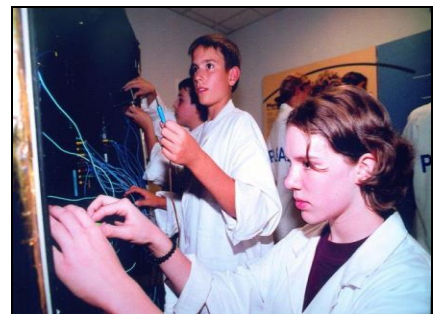
The main objective of the Rocket Camp is to conceive, build and launch a min-rocket of 80cm. To do this, participants must learn and master the different notions of aerodynamics, stability, tracking and propulsion

Lectures:

- The Ariane Launcher
- The principles of propulsion and stability of rockets
- Powder engines

Workshops:

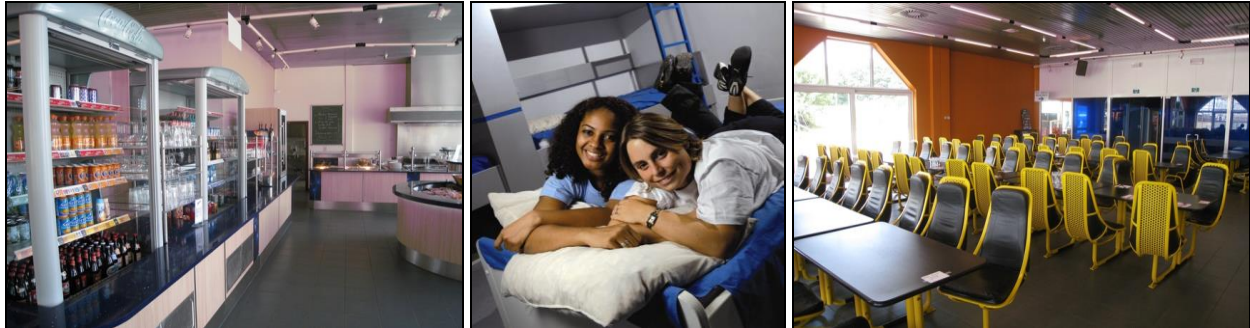
- Rocket construction and launch
- Thrust test bench
- Study of Trajectories
- Final computer check before the launch



(Above: Rocket Camp lectures and workshops)

VISIONS ACCOMMODATION – RESIDENTIAL CAMPUS

This unique centre also consists of a connected accommodation building where dormitories usually sleep multi-bedded students with each dorm room having a private shower and WC facilities. The site also boasts 2 restaurants, a souvenir shop, cinema, numerous classrooms and ample of outside space for evening activities.



(Above: The Euro Space Centre cafeteria and dormitories)

EXCURSION OPTION

LE PASS - BELGIUM

Discover The Pass, a brand new and highly original museum exploring science, technology and society. Although a museum, there are no collections here - instead there are exhibitions and shows inviting students to interact and to reach an opinion about the role of science and technology in our society.

The Pass offers exciting educational programmes for all ages which aim to instil the pleasure of understanding science. The exhibitions and events combine an educational approach with fun experiments to arouse pupils' curiosity, stimulate questions, and encourage them to learn more and develop their critical faculties. The aim is to see daily life from another perspective, through the prism of a scientific, technical and humanist culture.

The interactive exhibitions and shows are the core of the Pass and include:

Genes & Ethic:	Learn about DNA, chromosomes, cloning and more
My Body:	Focusing on medicine, organs and physiology
Portraits:	Optical experiments
Antarctica:	The Global Warming effect
Palace of Images:	Focusing on sustainable development
H2O:	Worldwide issues of the access to water



(All of the above: Le Pass)

THE EURO SPACE CENTER

Minimum Booking Numbers: 20 students

What's Included:

- ✓ Return flights or luxury coach
- ✓ Full-Board Accommodation
- ✓ Detailed programme based on tour requirements
- ✓ Dedicated and experienced advice and support throughout your booking
- ✓ Access to all Simulators
- ✓ Tuition from Belgian Ministry Appointed Space Specialists
- ✓ Certificate of course completion
- ✓ Euro Space T-Shirt
- ✓ 24-hour emergency cover

What's Not Included:

- ✗ Fully Comprehensive Insurance (mandatory)
- ✗ UK coach transfers
- ✗ Cost of visas, full or collective passports
- ✗ Additional Sightseeing / Entertainment Options
- ✗ Hotel incidental bills – meals, mini-bar items, recreation charges, purchases billed to room, etc

As always, our staff are always available to you to answer any questions you may have regarding programming.

If we may serve you in any way, please do not hesitate to contact us.

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