

What is STEM Education?

STEM stands for Science, Technology, Engineering and Mathematics. It is a way to integrate those subjects in activities where all the aspects are present. We are proud to say we have some fantastic facilities for our initial teacher training and an extensive network of local partner schools. In a society where more and more people with a STEM profile are needed, we are looking forward to fruitful discussions and exchange of experiences within this theme.

Programme

Programme: Monday 9:00 to Friday 12:00
Visitors are expected to arrive on Sunday.

A variety of lectures, workshops, fieldtrips and cultural activities.

- What is STEM-education?
- Explore good practices in schools and/or STEM-academy
- Experience didactics of inquiry based learning
- Create in our fablab of maker space
- Experience VR, green screen and robotics

No special knowledge of physics or mathematics is required. Participation is mandatory in order to receive a certificate of attendance.

Please bring a typical snack of your country for the international evening on Monday

Contact Information



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more.be

Application

If you are interested in this course, contact the International Coordinator at your institution. The application deadline is 1 December 2024.



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International week

17 - 21 March 2025

STEM @School

Mechelen Belgium





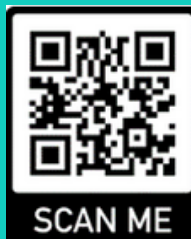
Location

Mechelen is quite centrally located in Belgium, in the middle between Brussels and Antwerp, easy to reach by public transport. It has approximately 345.000 inhabitants.

Characteristic for the city is the St. Rombouts Tower.

In 1687, on a cloudy night the full moon shone through the tower. It looked as if the tower was on fire. So all the inhabitants started bringing water to extinguish the fire. That's why they are called the 'moon extinguishers' (Maneblussesers)

The University college Thomas More has several campuses in Belgium; the campus in Mechelen has about 4000 students, organised in several faculties: Interior design, Business, Media, Nursing & Midwifery, Teacher training, Tourism



Programme

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Coffee & Welcome What is STEM?	Cultural activity	Inquiry based learning	FabLab	Sharing pedagogical perspectives Farewell
Afternoon	Future lab (VR, green screen, robotics)		Visit STEM academy	Choice of Workshops	

● Language

All sessions will be given in English.

● Costs & accomodation

The course is limited to 25 students.

The course fee is €50 (covered course material, 1 meal, cultural excursion, visit)

Expenses related to travelling, accommodations and food are not covered.

If you need assistance, a list with affordable accommodations is available.

● ECTS credits

The Course values 2 ECTS credits



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