

# STEM & IBSE in action: earthquakes and engineering in the classroom

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## What we did:

During the LTTA meeting in Greece of the Erasmus+ “eHAND” project from 23-27 April, which took place at the same time as the STEM Discovery Week, a number of activities took place, among which a STEM lesson, a CLIL lesson on “serious games”, earthquake tips and the creation of a booklet «Getting ready for an earthquake»

**Activity 1:** Earthquake shaking table

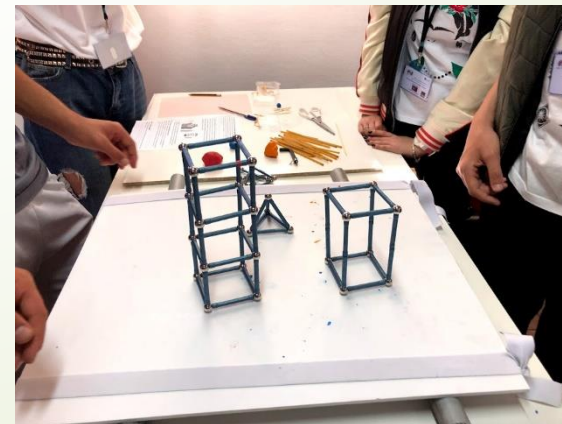
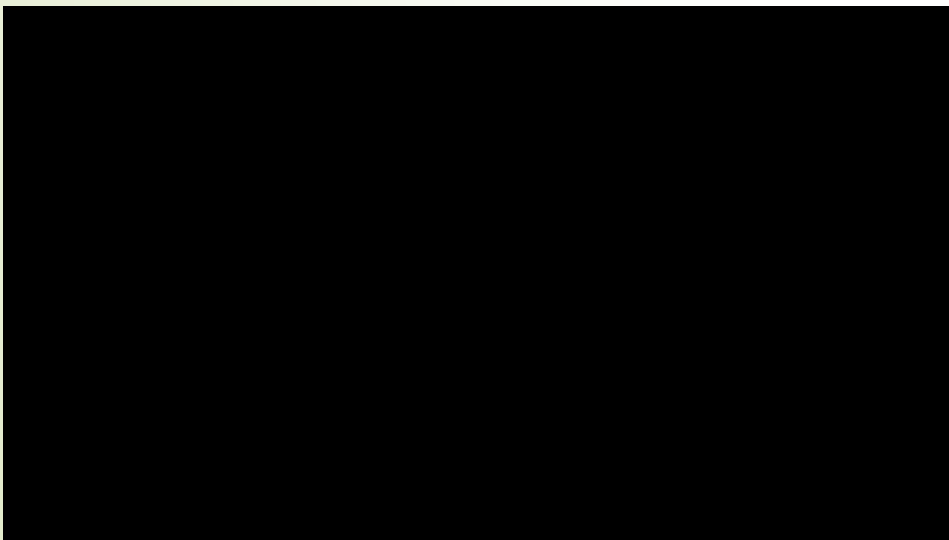
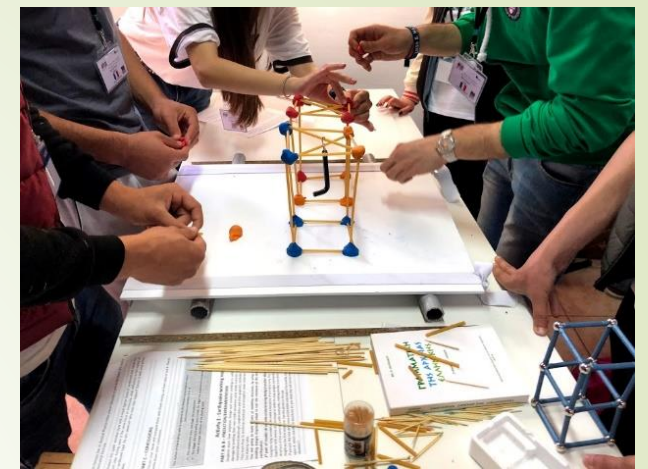
**Activity 2:** Earthquake working model

**Activity 3:** The power of a shake



## How it went:

- 50 students (5 groups of 8 students) and 25 teachers from 7 different countries participated
- Excellent implementation of the STEM Lesson
- Huge interest on the part of students and teachers alike
- Great participation, interest and cooperation of female students
- A remarkable example of an inquiry-based activity



## Recommendations / suggestions for others:

- Focus on promoting cooperation and team spirit, not only among our students, but also among students and teachers at an international level, rather than simply passing on knowledge.
- Opt for an experiential approach to teaching Sciences through STEM lessons; they enhance understanding and greater participation of female students, who usually prefer the Arts and Languages when choosing a career.

