

## Regiomontanus or learning how to play with science

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Although at the international school competitions, Romanian students are in the top, but few students decide to learn science in school. The major problem is “how to motivate students to study science?”

In cooperation with Meridian Zero Astroclub, Oradea, we provide students non-formal space where non-formal activities can approach them to the work of a researcher.

Five days in September, ten to fifteen students are invited in a journey through the science world.

- Formation of the Moon's craters
- Solar radiation
- Solar cycles
- Constellations
- Solar System
- Eratosthenes experiment

These topics are examples from our activities.

Working with students from 4 years old to 18 years old, all activities are developed in the form of games, combining mathematical skills with physics or astronomy. Older students are put in the position of teachers for younger students.

Results: A better understanding of physical processes, a higher interest in science, a better application of mathematical concepts in class.