

Mentoring high school group in research
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Mentoring a high school group during summer was a great experience and I highly recommend it to anyone at the T.O. ! As I was a special graduate student, it was nice to work with a postdoc, Nadaya Cubas. This collaboration helped me improving my teaching skill as she was more comfortable explaining geophysics to students. Then, working with the high school group was great. They were very enthusiastic and worked hard on the project.

A good thing to start with is a general presentation on geology and geophysics because some of them might only have very basic knowledge on the subject. Then, it is important to spend time explaining, and link all their activities to the main goal of the project, so they understand the process of research work and they know exactly what they are doing and why.

All projects should include not only theory and computation as building a small experiment is a way to have everybody work together. It was not easy to build the sandbox experiment but because the high school group started the project with us, from cutting the materials to run experiments, they came up with ideas all the time. They helped fixing the box and had ideas for experiments.

The sandbox experiment is now available for outreach in classrooms, to help explaining mountain building so please, use it !