



"ABC's Earthquake" (Experiments and models in seismology)

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The purpose of this presentation, in poster format, is to disclose an activity which was planned and made by me, in a school on the north of Portugal, using a kit of materials simple and easy to use – the sismo-box.

The activity "ABC's Earthquake" was developed under the discipline of Natural Sciences, with students from 7th grade, geosciences teachers and other areas.

The possibility of work with the sismo-box was seen as an exciting and promising opportunity to promote science, seismology more specifically, to do science, when using the existing models in the box and with them implement the scientific method, to work and consolidate content and skills in the area of Natural Sciences, to have a time of sharing these materials with classmates, and also with other teachers from the different areas.

Throughout the development of the activity, either with students or teachers, it was possible to see the admiration by the models presented in the earthquake-box, as well as, the interest and the enthusiasm in wanting to move and understand what the results after the proposed procedure in the script.

With this activity, we managed to promote: - educational success in this subject; a "school culture" with active participation, with quality, rules, discipline and citizenship values; fully integration of students with special educational needs; strengthen the performance of the school as a cultural, informational and formation institution; provide activities to date and innovative; foment knowledge "to be, being and doing" and contribute to a moment of joy and discovery. Learn by doing!