



Contribution ID: 254

Type: **Poster**

Results of an Active methodology proposal for learning Physics: Experimental stations in the classroom for the investigative learning of Sound concepts in the 8th grade

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This work is concerned with well-known difficulties felt by young students on dealing with Physics learning in schools. We have developed an active learning methodology aiming at the understanding of Sound by 8th grade students, mediated by the use of experimental tools in the classroom which potentiate a gradual building of successive correct cognitive structures. Aware of Physics teachers' difficulties, we purpose structured experimental activities which potentiate the curiosity and interests of young learners. The results of this learning project were tested with a sample of 359 students, divided among eight experimental and seven control classrooms.

How would you like to present your contribution?

Live in Kraków (time slot to be allotted based on the programme)

Target education level

Secondary

Category

Formal Education

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