



Contribution ID: 238

Type: Poster

A Survey with Primary School students on the use of an Arduino-Uno based pyranometer and the temperature gauge

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This paper focuses on a teaching intervention on the measurement of temperature and the intensity of solar radiation, by the students, accompanied by a survey with anonymous questionnaires. The sample consisted of students of the last grade of the Greek Primary school (grade 6). The didactic intervention and the measurement of the solar radiation and the temperature are carried out through an Arduino Uno and an Arduino Nano Ble arrangement. After the teaching intervention, through the provision of pre-test and post-test, the students' ability to describe and measure the concept of solar radiation and temperature is recorded and evaluated.

How would you like to present your contribution?

Hybrid from my own country (early in the conference day, best for Asia, Australia)

Target education level

General

Category

Formal Education

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Session Classification: Poster session

Track Classification: Experiments and Practical Work in Physics Education