

Agro & Physics - A proposal to understand physics through equipment in the rural area



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ABSTRACT

The present work aims to report the experience of the science fair entitled Agro & Physics held by the professor, monitor and students of the General Physics class for the Agronomy Course of the University of the International Integration of Afro-Brazilian Lusophony (UNILAB) in the semester 2019.1. Science fairs are spaces for scientific initiation, in which students and teachers mount demonstrative exhibitions (DORNFELD, 2011).

Keywords: Creativity, Contraption, Science Fair.

1 INTRODUCTION

The present work aims to report the experience of the science fair entitled Agro & Physics held by the professor, monitor and students of the General Physics class for the Agronomy Course of the University of the International Integration of Afro-Brazilian Lusophony (UNILAB) in the semester 2019.1. Science fairs are spaces for scientific initiation, in which students and teachers mount demonstrative exhibitions (DORNFELD, 2011).

The activity related to this work consisted of presenting the Physics of eight equipment used in the rural area. The 49 students were randomly distributed into eight teams whose themes were also defined by lottery. The liberty of referring to the projects by the term "contraption" was taken to emphasize the spirit of creativity to which the activity should be given. Each team, at the very least, should create a miniature project with Styrofoam sheets containing elements of a rural area and the contraption used in the field. As a result of Agro & Physics, it was observed that despite the random formation of the groups, the students were able to articulate and meet much more than the minimum of the requirements. In general, the students were motivated to ensure the proper organization of the work and the cohesion of information in their presentations.



REFERENCES

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