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Astronomical Activities for students-Motivating students interest in Physical Science through Astronomy

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School education aims not only to providing the necessary knowledge to the students but also to inspire and motivate them to realize their special abilities and inclinations and use their potential for making a joyful future for their lives.
In this direction we present some activities held in the Arsakeio School of Patras during the years 2005-2008 in the field of Astronomy and Astrophysics, in order to share our experience with the teachers' community.
Students from all grades of primary and secondary education participated with enthusiasm. In particular, they observed the Partial Solar Eclipse of October 3rd, 2005,and the Total Solar Eclipse of March 29th, 2006. They took part in observing and registering Solar Spots, using Astronomical equipments like different types of telescopes with filters and solar scopes. Students studied further the nature of Solar Phenomena and their effects on life, participating in the Environmental Program "Sun and Life"(2006-2007). Moreover, students took part in the International Program for measuring the Light Pollution "Globe at Night" (2006-2007) with observing and registering the luminosity of the Orion constellation in the night sky above their residence. Finally, the students participated in the European program "Hands on Universe" (HOU) (2005-2008) working on a project, which was the Greek contribution to HOU, developed from "Philekpaideftiki Etaireia". In particular, they studied the stars' spectrum and acquired information about the stars' life and age of stellar systems, using interactive multimedia technology.