

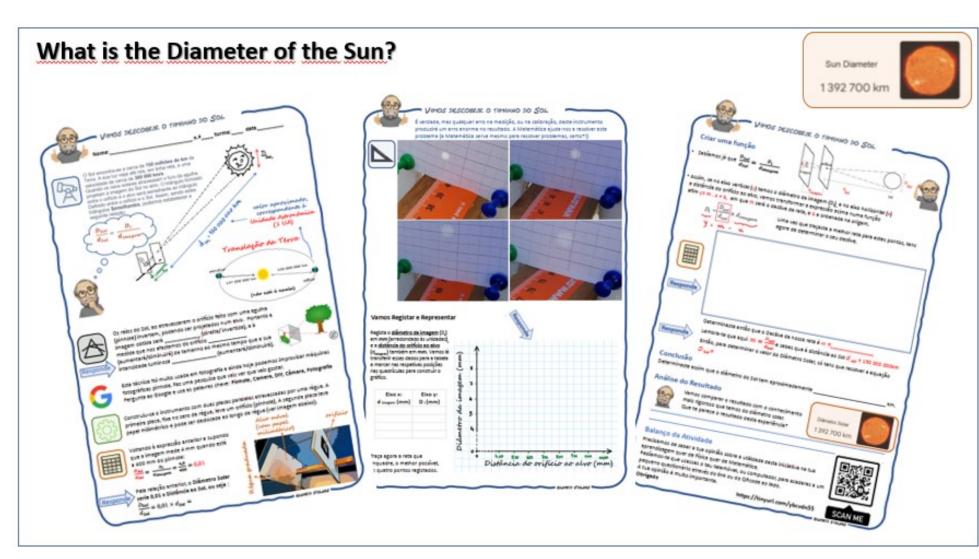
## DIVERSITY IN STEM EDUCATION

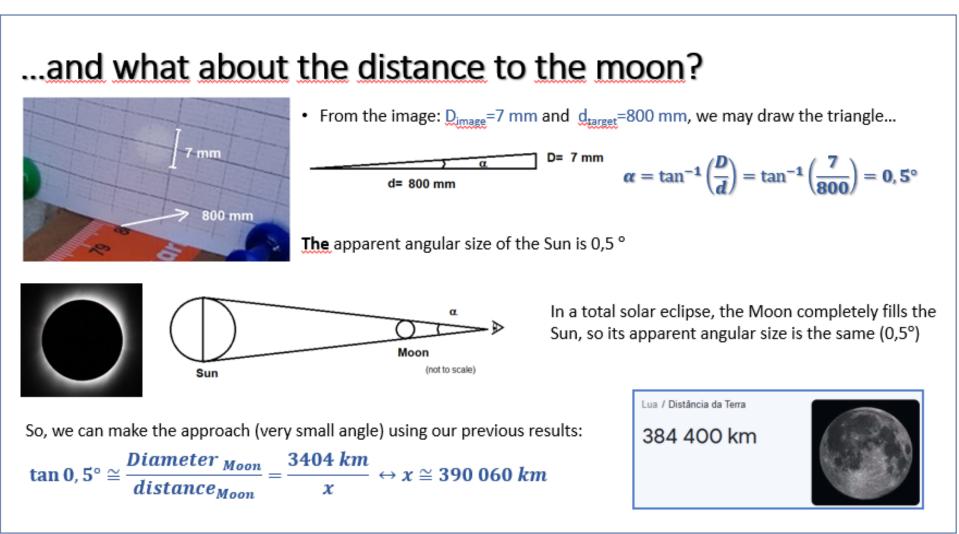
Álvaro Manuel Folhas Ferreira | Agrup. Escolas Águeda Sul | Águeda | Portugal

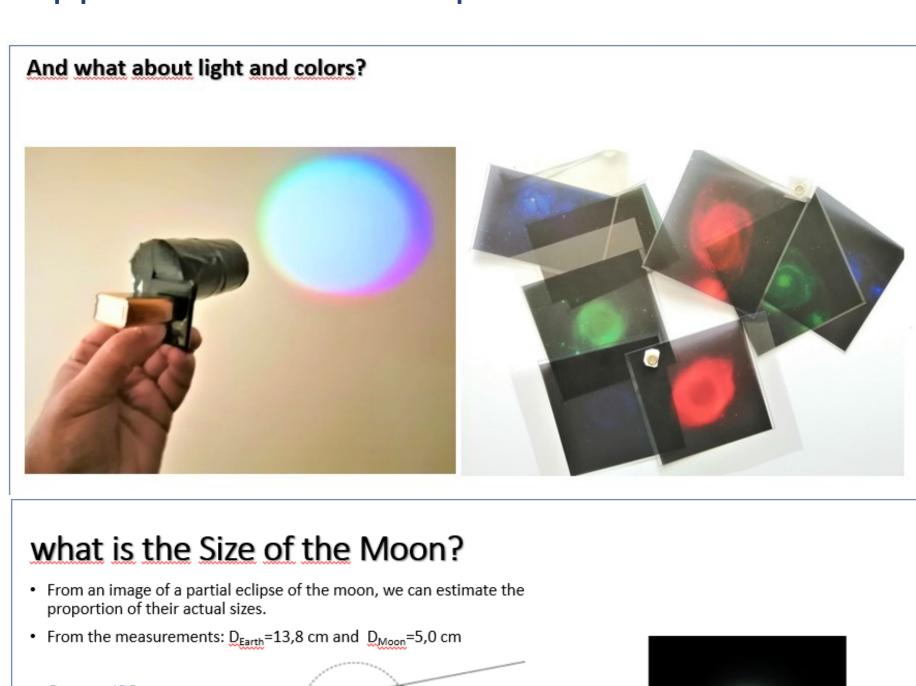
## Astronomy

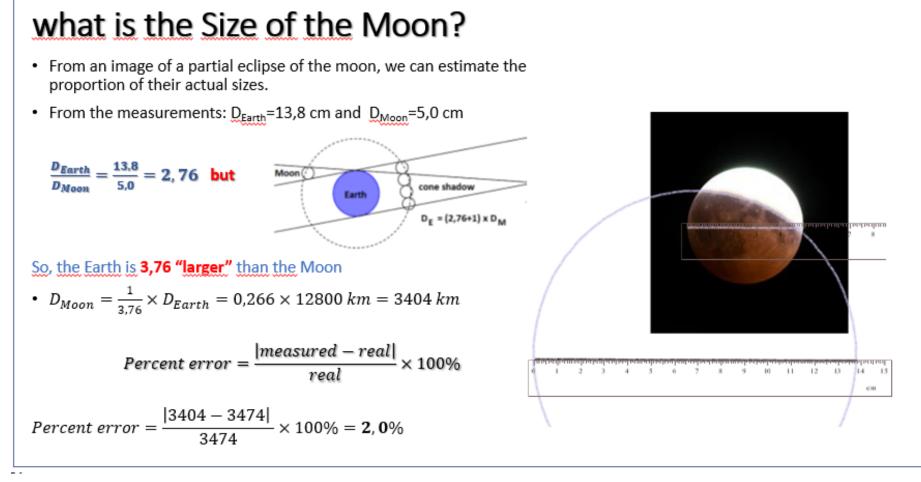
## a way to Learn Science with DIY apparatus and smartphones

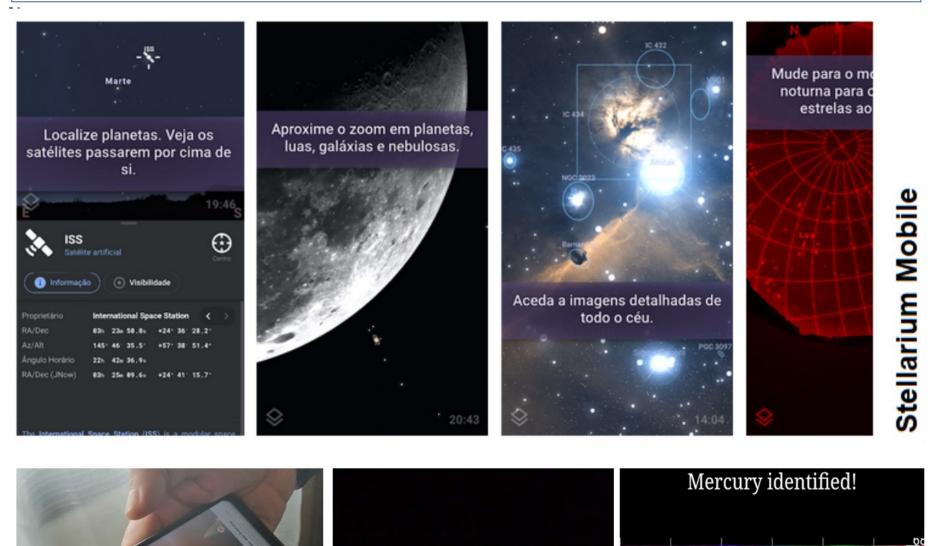
The central theme of this project is Astronomy, seen as a lever for Science Teaching, due to its enormous interdisciplinary potential and the fascination it arouses in students. To this end, I present a set of hands-on and mind-on activities that range from the construction and didactic exploration of small devices, by students, using school supplies (and/or from their day-to-day), for the carrying out experiments of great scientific and interdisciplinary value, even using smartphones with apps with high scientific and didactic potential, for experiments and data collection.

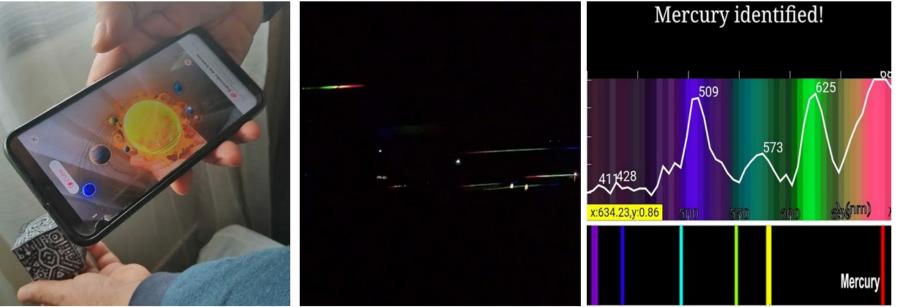












Dreaming is the first step to embrace the Universe





