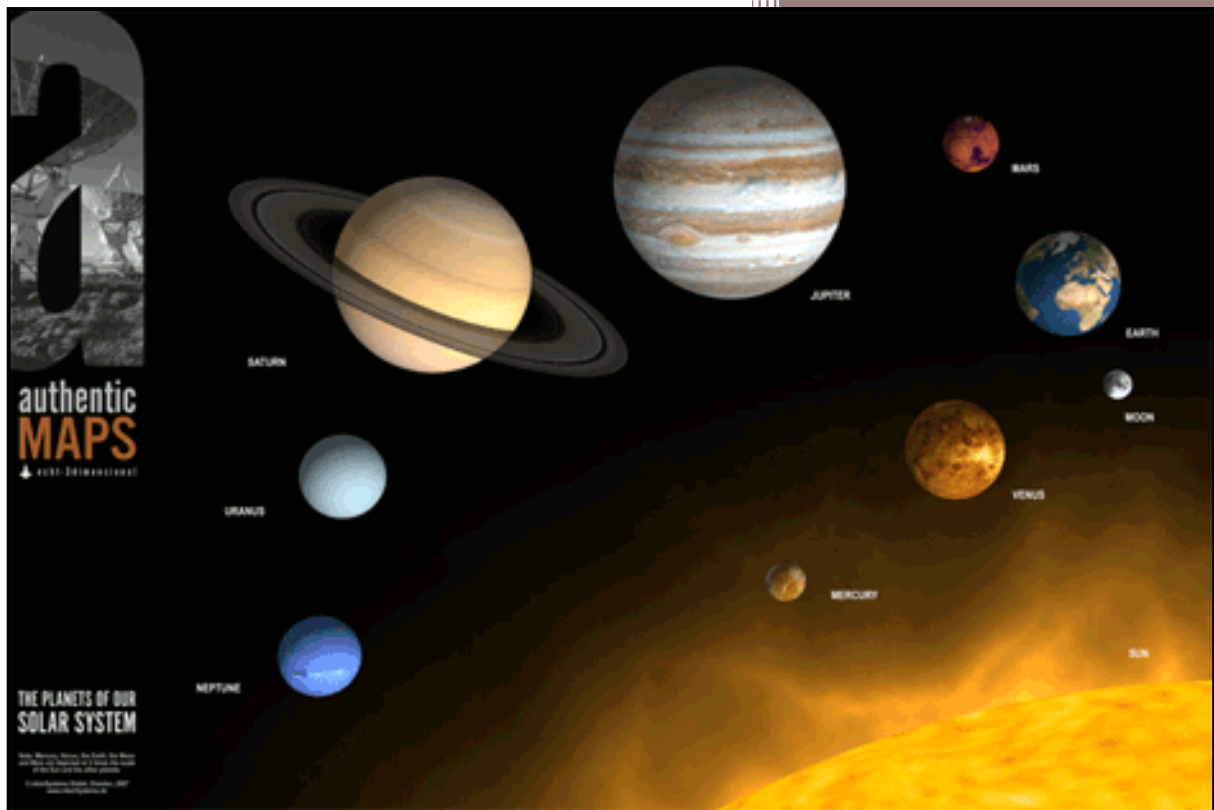




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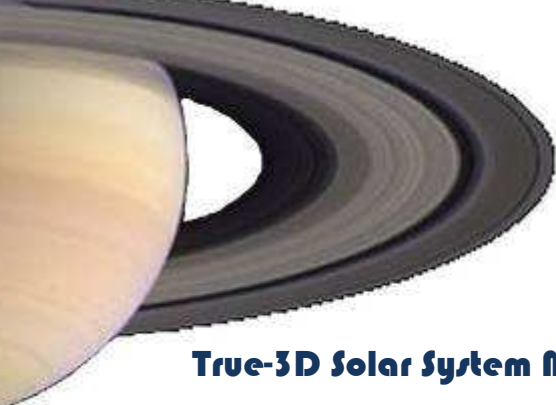
MALTA

# Educators' Information Sheet



**The Planets of our Solar System  
Wall Map in 3D**

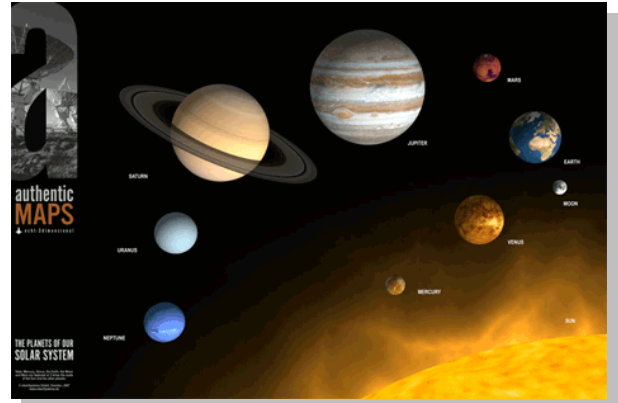
Introducing *Innovative Educational Material* and their application in class through the use of appealing True-3D material.



## True-3D Solar System Map

True-3D images of **planets within our solar system**, as photographed by NASA's space probes, are brought to the classroom through this innovative teaching product (map dimensions are 67.6 cm x 45 cm).

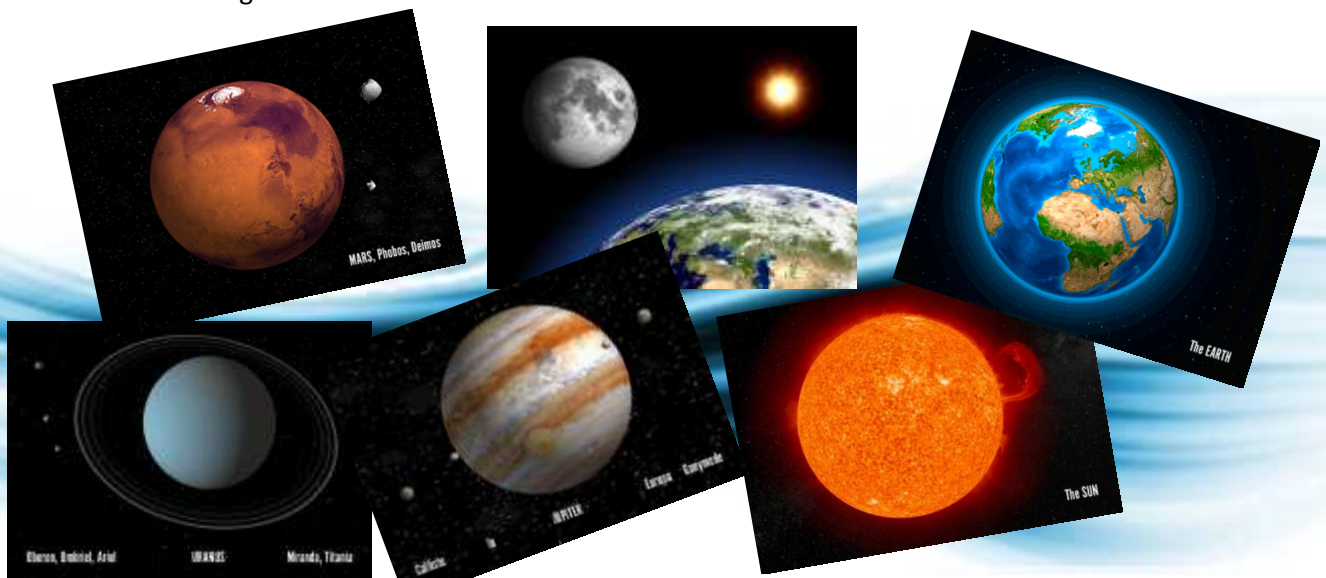
Watching the planets on a daily basis, pupils will learn to identify the planets, their names, comprehend their different structure, colours, relative sizes and surface features. Learning about the planets of our solar system was never so easy and interesting.



The map is designed in such a way so as to show the planets' relative sizes and positions from the Sun. Mercury, Venus, Earth, Moon and Mars have been magnified 5 times, in relation to the size of the Sun and the other planets, in order to be visible on the map. Earth is the only planet that is shown with its satellite, the Moon. The map also shows some solar features as well as activity both on its surface (photosphere granules) and in its corona (prominences). Teachers can use these features to expand more on the solar activity, solar features, temperature, gravity and the sun's effect on our planet Earth following a prominence eruption, such as heat waves and magnetic storms or interferences here on Earth.

The Planets and their moons can be observed in **maxi-card** sizes (21.1cm x 21.1cm) which the teachers can use as show-cards during class explanation, while the pupils can use the planets **postcard** collection (size: 14.8cm x 10.5cm) in class to apprehend better what the teacher is showing. Through this appealing and innovative 3D material, teachers can explain in more detail each planet's characteristics and composition, their respective moons and any particular surface features.

Such material is ideal both as class material (since it is *reusable*) as well as and for students' projects. Gryphon Malta will make available teachers' guides and students' worksheets for the eventual use of this material during **science classes**.



## Contact Information



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