

## Full STEAM ahead for better education

Lesson plan

Teacher: Helen Kalagia



### Title/ Τίτλος: Acquaintance with the solar system through an imaginary journey in the space

Aim/Στόχοι	To be acquainted with the planets and to build mental representations of the solar system compatible with scientific knowledge.
Tools I need/Εργαλεία	Pictures, videos, constructions, theatrical game, various materials, the internet.
Preparations/Προετοιμασία	Pupils start an exciting journey to the space, take over roles, and learn about the planets.
What to do/ Δραστηριότητες	Through the storyline I excite their curiosity and imagination to travel beyond the horizon.
What I get / results/ Αναμενόμενα Αποτελέσματα	To get to know the names of the planets, their position in the solar system, to compare sizes, distances, to learn about gravity, orbits.

### The STEAM approach/ Προσέγγιση STEAM:

<b>S</b>	Search/Ερευνώ	Pupils through the storyline become acquainted with the solar system gathering information from books, the internet, videos, pictures, photos.
<b>T</b>	Think/Σκέπτομαι	How people managed to overcome the law of gravity and explore what exists beyond the earth.
<b>E</b>	Experience/Δοκιμάζω-Βιώνω-Εφαρμόζω	Through watching audiovisual material and virtual reality.
<b>A</b>	Active learning/	Maths (comparisons of distances – sizes)

	Ενεργητική Μάθηση	constructions, theatrical game, Natural Sciences.
<b>M</b>	Motivation/Κινητοποίηση	<ul style="list-style-type: none"> <li>• Excitement of imagination.</li> <li>• Through a funny journey young travellers are trying to understand their existence in the vastness of the universe.</li> </ul>

Ressources / Links: Πηγές	
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