



# SPACEWAY

IGNITING CURIOSITY





*Ignite curiosity*

## Why is STEM so important?

**Science, Technology, Engineering** and **Mathematics** develop a unique set of skills in our children from technological skills, creativity, logic and critical thinking which are fundamental tools for their personal and professional development.

We bring practical application to the theoretical knowledge taught in classes which allows students to understand better technologies, and work in teams developing their communication, time management and leadership skills.

3 out of 4 children dream of being astronauts.

Space STEM fuels that dream.



*for the next generation of explorers*

new  
space academy

## Our STEM solutions

Students learn about the space area acquiring new knowledge and applying concepts from different subjects as all our activities are practical and very fun.

- Products: Educational Satellites & Rockets
- Workshops: chemistry, physics and aerospace
- Training for STEM Educators



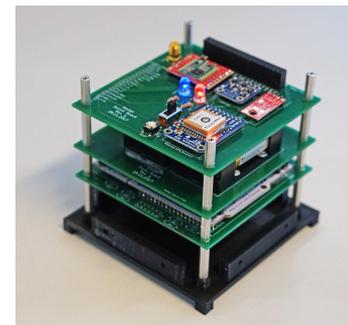
## KitSat – a STEM satellite

KitSat is an educational satellite concept based on the CubeSat format. It provides a platform for realistic simulations of satellite operation and is a complete package for teaching in different subjects such as: science, technology, engineering and mathematics.

### STEM activities:

- Take it apart! Build it yourself!
- Learn about the satellite components and motion.
- Prepare a space mission, and launch it.
- Take and receive photos up to the stratosphere.
- Code it and personalize it.
- Most importantly, have fun while learning.

Find out more at [KitSat store](#).





## Workshops

<b><u>Chemistry:</u></b>	<b><u>Physics:</u></b>	<b><u>Aerospace:</u></b>
Working safety in a laboratory	Potential, kinetic and mechanical energy and changes in their states	Aerospace Engineering - fundamental concepts
Basics of chemical reactions, atomic elements and their structure	Heat as a scientific phenomenon	Ground stations - what they are and what they do
Scientific experience (practice)	"Rocket Science" (practice)	Satellite and subsystem functionalities
		Earth observation, sensors and practical use of satellites
		Aerodynamics and Space Missions



## Packages – KitSat + Workshop

### Package 1 (10% discount):

1 Kitsat (Tutorial included) + Workshop\* = 1450,00€

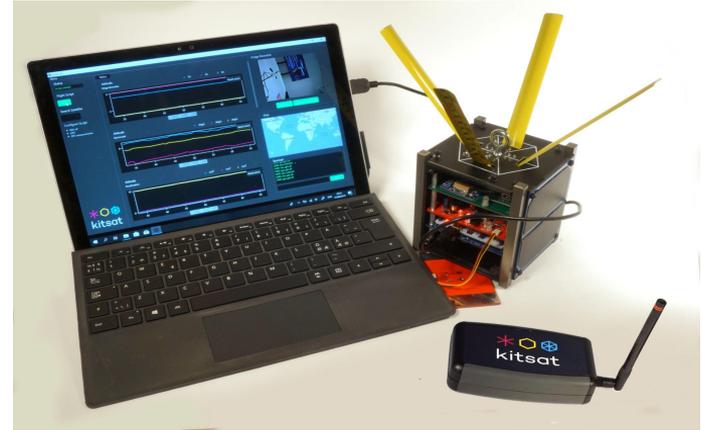
### Package 2 (10% discount)

1 KitSat (Tutorial included) + 2 Workshops\* = 1950,00€

### Package 3 (15% discount)

2 KitSats (Tutorial included) + 3 Workshops = 2950,00€

\*Workshop theme (chemistry, physics and aerospace) to be chosen. The workshop is applied to students or to teacher training. VAT not included.





## WARC – Water Rocket Challenge

Form your team, plan, build and launch rockets like a space engineer!

In our **Water Rocket Challenge** you will be able to build and launch rockets up to 100 meters high, using only water and air and reusable & recycle material.

If your school is looking for a fun and educational activity, talk to us!



**LEARNING**



**TEAM WORK**



**PROACTIVITY**



**COOPETITION**



**ENGINEERING SKILLS**

Creativity

Problems solving

Logic thinking



## WARC – Water Rocket Challenge



[Click here to see a rocket launch.](#)



## WARC packages

<b>Package 1:</b>	<b>Package 2:</b>	<b>Package 3:</b>
<b>100€ per team</b>	<b>75€ per team</b>	<b>50€ per team + KitSat (1325,00€)</b>
2 to 4 teams	5 or more teams	3 to 5 teams
3 to 5 participants per team	3 to 5 participants per each team	3 to 5 participants per team
1 space engineer per each 2 teams	1 space engineer per each 2 teams	1 space engineer per each 2 teams

**\*Notes:**

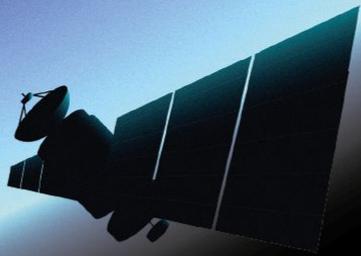
In addition to the values shown in the table above, the travel cost is added which is equivalent to €0.10/km. VAT not included.



***“IN THEORY, THEORY AND PRACTICE ARE THE SAME.  
IN PRACTICE, THEY ARE NOT.***

Albert Einstein





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