



*K2 RATE: RAISING ACHIEVEMENT TOGETHER- A VISION FOR EUROPEAN SCHOOLS*

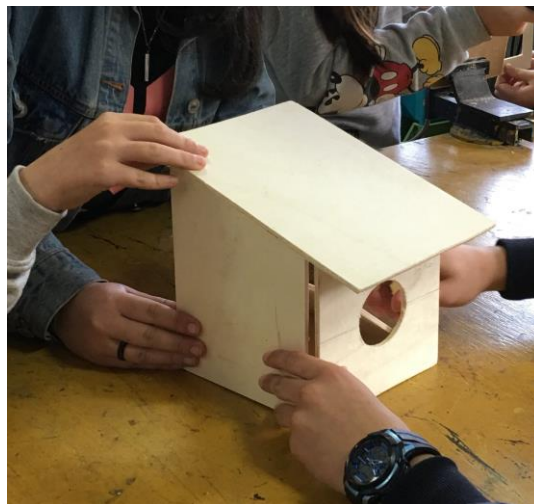
**CPI Atios Presentation:** <http://www.edu.xunta.gal/centros/cpiatios/?q=node/947>

**2017-2018 School Year Activities**

- The 1<sup>st</sup> and 2<sup>nd</sup> year secondary students partake in “STEM week” during the first trimester of the 2017-2018 school year
  - They work with robotics, science, programming, and 3D design

<https://www.vermislabs.com/semana-stem/>

- 1st year secondary students programming using SCRATCH
- 2nd year secondary students build bird houses through the use of sketches, plans, dihedral systems, scales, and dimensions



- 4th year secondary students work with programming using Arduino

The school presents two projects to “GALISCIENCE”



**Erasmus+**



- Glasses for the blind
- An interactive map of the fountains of Valdoviño

<http://www.edu.xunta.gal/centros/cpiatios/?q=node/983>

- 3<sup>rd</sup> year secondary students partake in a car development project
  - They work with sketches, plans, and electro mechanics
- Both primary and secondary students participate in the FIRST LEGO LEAGUE together, forming the team “Frouximakers” and win the Viaqua award for the best science project



- “Frouximakers” created a low-cost water analysis kit



- The CPI Atios “Science Club” was created for primary and secondary students as an after-school activity with the help of volunteer teachers



<https://clubcienciaatios.blogspot.com.es/>

- Followed by the creation of an after school “Robotics Workshop” also for primary and secondary students with the help of volunteer teachers



<http://www.edu.xunta.gal/centros/cpiatios/?q=node/752>

- Teachers from CPI Atios of Valdoviño train colleagues from other schools
- This 2017-2018 school year, we established the school project “Women”, engaging in activities that promote women in the STEM field
  - Talks with CPI Atios alumnae that now form part of the STEM community
  - A conference with university professor Luz Castro to commemorate “ Women and Girls in Science” Day
  - 4<sup>th</sup> year secondary students create posters of relevant women in history using WORDART



XUNTA DE GALICIA  
CONSELLERÍA DE CULTURA, EDUCACIÓN  
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- Introduction of robotics as a free configuration subject to 4<sup>th</sup> year primary students
  - The teachers develop and use the robotics curriculum
  - We were able to procure resources and materials in order to develop our robotics program
  - Robotics is integrated into all subjects and is used to support all science projects
  - Families (mothers) are involved in robotics activities with family robotics nights and family robotics workshops
- 5th year primary students give a robotics presentation to teachers throughout Galicia
- We invite you to visit our web page: <http://www.edu.xunta.gal/centros/cpiatios/>