SCHOOL EXCHANGE PARTNERSHIPS
CULTURE OF LEARNING 2
(COL2)

KA229 - ERASMUS +

CPI de ATIOS Galicia - SPAIN

CULTURE OF LEARNING 2

OUR SCHOOL: CPI DE ATIOS

It's a State School in the countryside. Our School includes three educational stages: pre-school, primary school and secondary school; what is to say: from 3 to 16 years old.

There are 527 pupils and 52 teachers in our school.

We make a lively, dynamic school.

Our history, as a State School, began more than 40 years ago, in February 1969.

CULTURE OF LEARNING 2

WHY ARE WE PARTICIPATING IN THIS ERASMUS PROJECT?

* The project RATE KA2 comes to us in a moment of changes.

* We truly believe in new technologies; we have refurbished our classrooms providing them with computer equipment and we participate in several projects related to ICT like Abalar, virtual classrooms, robotics and programming.

* The management team and the cloister of teachers is directly involved in the use of new technologies, in stem disciplines, project work …

* We had ideas, interest and will … but i was missing a real training that thanks to the project in which we are all involved we hope to achieve

✖ *OUR TEACHING AND LEARNING APPROACHES OVER THE LAST YEAR*

COVID-19 pandemic changed our way of life and also our way of teaching.

The Educational Authorities of Galicia designed a strict protocol for action within the schools in each of the teaching activities.

For this reason we have been forced to:

➢ Modify the methodology.

➢ Adapt curricular standards and assessment tools.

➢ Change the arrangement of students in classrooms (distance between desks)

➢ Materials cannot be shared for hygiene reasons.

➢ Groups: They cannot work in groups, they must maintain social distance.

➢ Individual activities. Share them online.
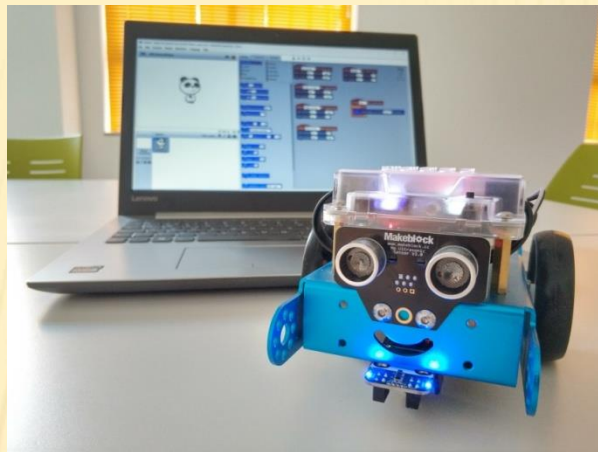
HERE ARE SOME EXAMPLES:
Robotics , Science, Radio, Music and more:

➢ Each of our students have a computer with Free Software loaned by the Galician Government for four years (5th and 6th grade of Primary and 1st,2nd,3rd and 4th year of compulsory Secondary).

➢ Computers have programming programs that allow safe individual work.

➢ Networked computers conected to the teacher's computer (main) share everything on the interactive whiteboard.

➢ In addition, teachers observe, support and even evaluate students from main computer.

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ROBOTIC

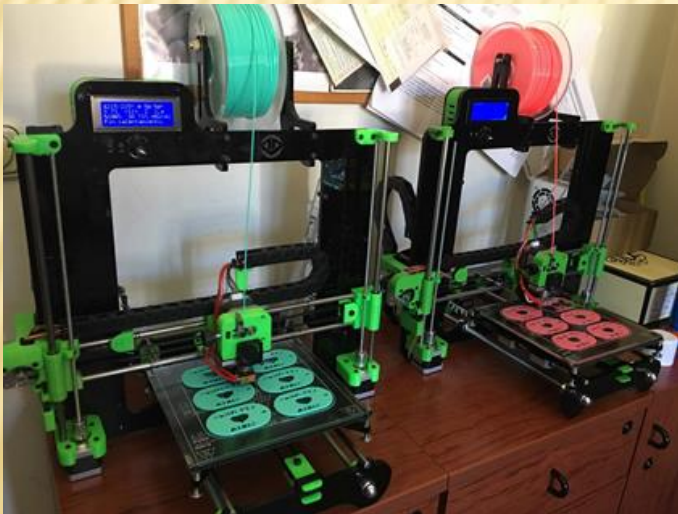For students of
4th and 6th Primary
School

https://atiosobradoirorobotica.blogspot.com/

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SCIENCE CLUB

For students of
4th and 6th Primary
School

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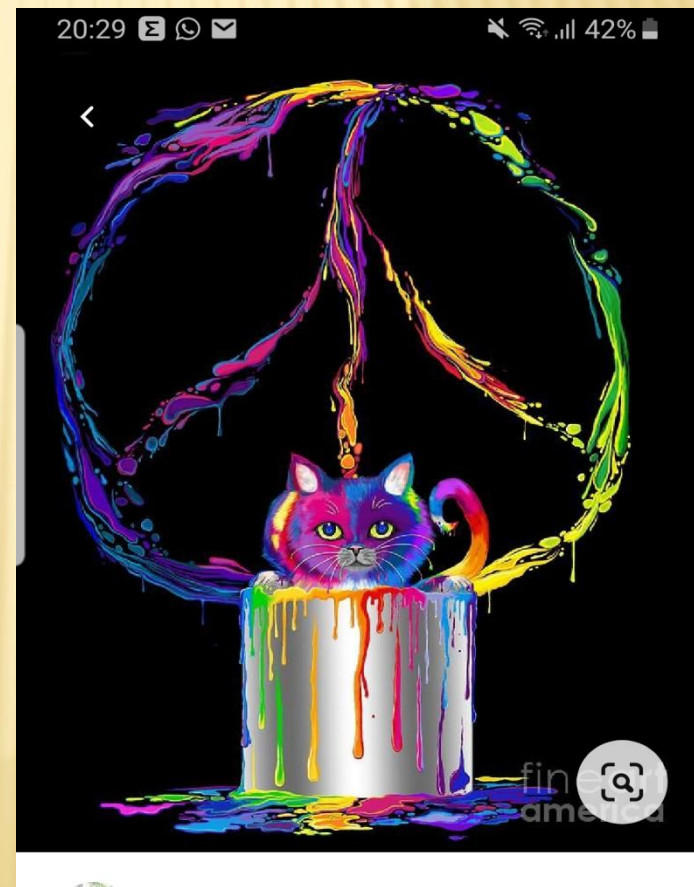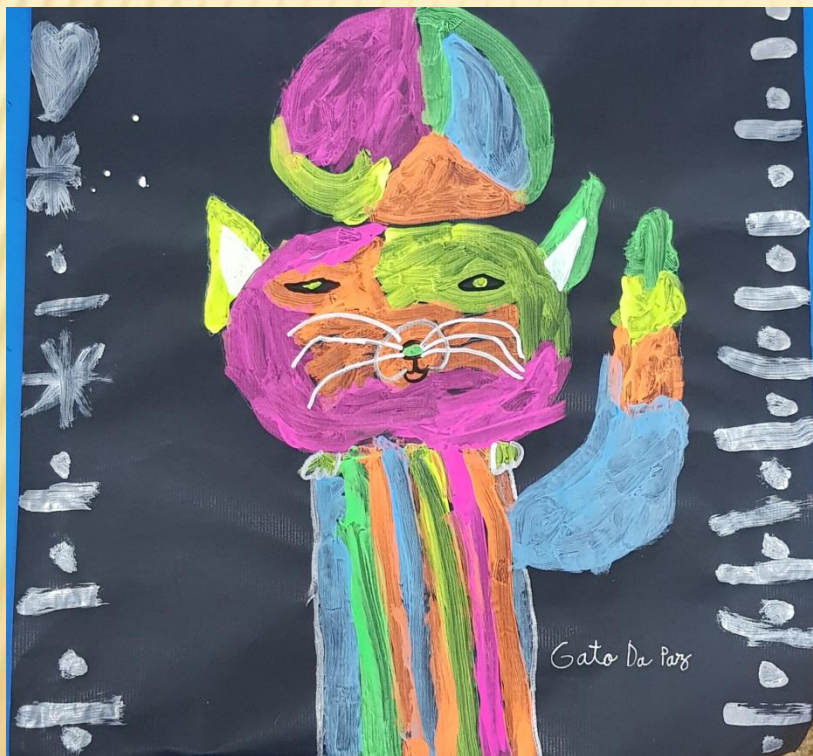AQUELANDO: PHOTOS / VIDEO

CPI DE ATIOS

3D PRINTING

CPI DE ATIOS – IES PUNTA CANDIEIRA

PROYECTS IN EARLY CHILDHOOD EDUCATION

IMPACT ON OUR SCHOOLS AND SETTINGS

The maker movement invites learning through play, research and doing but...

➢ Manipulating shared objects at school is not possible. *Virtuality has presented us with a challenge.*

➢ In the new post-pandemic order, traditional education will be promoted from a **blended education**, that is, mixed, where part will be done face to face, but there will be a great incidence of **virtual education** in a complementary way.

➢ This is already happening in programming, where students can code from a computer or phone. In the case of robotics, robot commands can also be worked on virtually.

IMPACT ON OUR SCHOOLS AND SETTINGS

➤ A teacher could send complementary content and exercises to reinforce outside the classroom, while in the face-to-face moment the workshop space and its tools would be used.

➤ Any subject can apply these virtual and artificial intelligence tools to teach and evaluate their curricular standards. **We are checking that motivation increases!**

➤ APPs help us! e.g., to prepare part of the contents of a radio program.

➤ The **tinkercad.com** platform is a simulator, a free 3D design, electronics and code creation service.

IMPACT ON OUR SCHOOLS AND SETTINGS

- *Sonic Pi*

  It is a programming language that allows you to make music, and execute what is known as live coding, that is, recitals can be performed where the way of executing instruments is programming.

➤ What has happened in quarantine, moreover, is that families have become more involved in the educational process. **We must seize this opportunity!** This can be especially helpful for students with difficulties.

➤ **Learning and Service:** What we do at school helps the community.

FINALLY ....

* Have we finished our work?

The answer is **no.**

We still have to wait to finish the course and see what result these methodological strategies and these technological tools will give.

But we already know something: In Education, this pandemic has already changed many things ... and not all of them are bad.