**POLAR**

The vision of the planet as the common home of all peoples and where everyone's action influences everyone's life is the pillar of this project. Science has shown enormous interest in the Arctic Ocean and the Antarctic continent. The importance of polar science is becoming more and more obvious as it allows to perceive connections to all aspects of the environment and of life throughout the planet. This project aimed to bring the polar theme to the world through a website that not only exposes the work developed by our students but also allows everyone who visits it to try games, see lectures and read interviews with polar scientists, have fun with and also learn how to avoid problems on the internet.

The project website has the link <https://etwinningpolar.weebly.com>

The “Polar” project is collaborative and international (Portugal, Spain, France, Croatia, Greece, Italy). Developed by primary school students took place in the midst of the covid19 pandemic and therefore underwent not only work in the classroom but also in home during confinement, when the families of these little students helped to carry on activities (the bike ride, the Escape Room dedicated to esafety or the participation in the virtual visit to the Lisbon Zoo).

In the online classes, students also reflected on questions to interview scientists by email. In the classroom, the students developed research work related to polar animals (penguins, arctic tern), elaboration of a poster candidate for logo, elaboration of Christmas cards under the polar theme, practicing the game of "Codeweek" and the game of the "Hour of Code", recording of the students' voices in their mother tongue for the Europe Day activity, making the Arctic swallow puppet and singing songs. Moments were also prepared for the students on specific topics (3Rs, experience with ice, solar cart), reading and interpretation of an excerpt from a book by Dr José Xavier, joint reflection and writing of the text for the collaborative story, exploring augmented reality and also stage and record the videos with the Arctic swallow. There were also moments for individual students to reflect and express themselves like their presentation, AnswerGarden, or writing messages for COP26. As for the flags dedicated to Antarctica, students were able to express themselves individually in individual works, but they were also included in five international teams that used the digital tool Jamboard to jointly develop five collaborative flags. Videoconferences with scientists were prepared and explored. The students loved playing videoconferencing with classmates from other classes showing their wisdom on the polar topic.

The activities carried out by the students form part of the primary school curriculum.

For the project, a WhatsApp group was created for partner teachers to streamline communication. Videoconferences were also held between the teachers to organize and analyze the project. For the students, there was a moment of diagnostic evaluation on the polar theme. A competition for the logo was organized. There were also videoconferences in which scientists spoke to several classes simultaneously and students also had "their" videoconferences between classes.

Many digital tools were used during the project. The students' parents became aware of the project at the beginning of the school year, signed authorizations and always followed it up. There is a section of the project dedicated to safety issues. I also mention that all the pages of the site created for the dissemination of the Polar project have a Creative Commons license.

A website was made for the project. There are several news published about the project. As for the evaluation, the project was evaluated through online questionnaires by students, parents and teachers. A document was also made available on Google Docs for partner teachers to reflect on the impact of the project. The project's objectives were achieved, as students and the entire school community followed the project throughout the school year and will always be able to access the website created to review moments, play, and continue to learn. The students always showed great adherence to the theme and always participated with enthusiasm in the activities.