

Savanturiers - Ecole de la recherche

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Savanturiers - Ecole de la recherche is an educational programme developed by the Center for Research and Interdisciplinarity (CRI - Paris-Descartes University) that aims to encourage education through research in primary and secondary schools. The main goal of this programme is to develop a precise and productive learning process around the methods and issues of research. Education through research develops students' critical thinking, their urge to explore the unknown and their collaborative thinking.

Here, within the "savanturiers du climat", the research project conducted in the class room tackles the subject of climat and climate change. The research project is chosen by the students with the help of their teacher and in collaboration with a climat scientist who is visiting the class once or twice and help the students within their research approach. The students throughout the project are trying to answer their initial research question they identify through experimental approach, documentation or analyses of data.

Here, I am presenting example of some works carry out in primary school and secondary school. In particular, I collaborated with the secondary class in Saint-Denis (North of Paris) which is a school within an education action zone has conducted a project on the climate and climate change in Antarctica. The students conducted experimental work on the formation and melting of sea ice, why the poles are the coldest place on Earth, and analyse of the evolution of temperature and sea ice at the french research station: Dumont d'Urville using observation data obtained from the forecaster at the research station and data from IPCC simulations. They present their work and findings in the small movie that they present at the "savanturiers congress at the end of the school year" and they also been awarded the second price for schools project from the "meteo et climat" society.