SCIENCE ON STAGE
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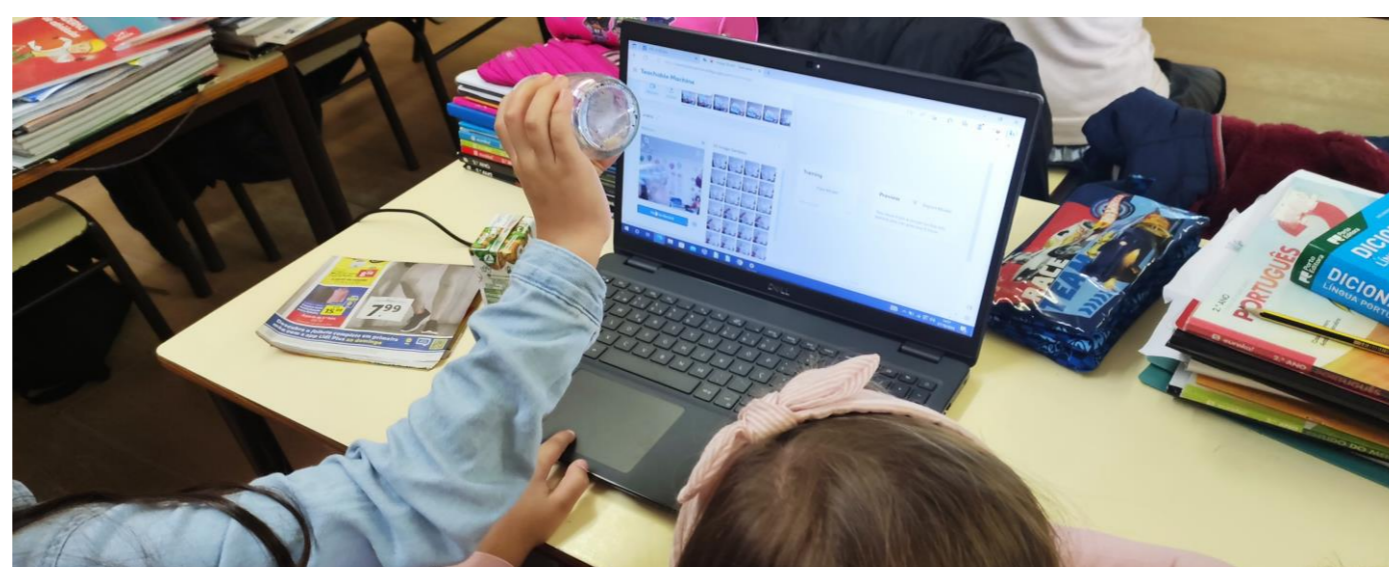
# Ecokids teach AI

## Environmental superheroes with AI as an ally for good

Meet the EcoKids! They are 2nd grade students who have been given a mission, on a heroic journey to save the planet!

First they had to master the art of sorting rubbish in recycling bins and became recycling champions! Then they trained Artificial Intelligence (AI) for the good of mankind!

With their superhero costumes on, they began by learning all about separating rubbish for recycling and immediately took action at home with the help of their parents.



They trained the AI to identify glass, paper and packaging materials, as well as to clearly communicate where each of them should be properly deposited.



The Ecokids visited a plastic recycling plant and created a game for the DOC robot with reusable materials to develop computational thinking.

Ecokids in the Metaverse! They created an immersive 3D/VR room which is a meeting place for our superheroes, where they can show off everything they've done and keep learning!

This project supports SDGs 4 and 12, as it promotes waste sorting education, integrating STEM and AI. It also supports SDG 11 by promoting sustainable practices in communities.

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