STEAM in Education



Caroline Cross & Emma Shipton | St Agnes Academy | Cornwall | UK

Our Plastic Pollution Pledge

A whole school approach to raising awareness of global plastic pollution

Living next to the ocean and working closely with the charity 'Surfers Against Sewage', our school wanted to work on a whole school project that would make a difference. This ongoing project enriches our curriculum from ages 4-11. By highlighting the issues our children will face in everyday life, this project engages them in meaningful opportunities and enthuses their love of STEAM, inspiring our future scientists, artists, engineers and mathematicians.





Topics range from developing timelines of plastic decomposition, investigating microplastics and making their own recycled plastic art.



We invited the charity 'Cornwall Plastic

Pollution Coalition' into our school for assemblies and workshops and have held a fundraising 'Ocean Blue' themed non-uniform day, raising money for this charity.

Each year group has a unit of work as part of their curriculum, engaging the children and raising awareness of the dangers of plastic pollution.



Many year groups have taken part in litter picks at our local beaches. We also have litterpicking equipment available every day for children who wish to use this at playtimes.

This whole-school project culminated with an eco-fair at Christmas. Each class designed and made a product using recycled plastic to sell at the fair, raising money for 'Practical Action'.

By creating a variety of opportunities for our children to learn about and engage in conservation and sustainability, we hope to inspire them to be part of the solution for the future.