

STEM Education for Sustainable Development



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Create mini ecosystems with students

Design, discover and learn!

During this project, students will design a miniature ecosystem, which they will then assemble themselves.

A recycled glass jar will be filled with stones, sand, plants, and optionally other organisms. Various aspects can be investigated using this living example of a micro-ecosystem. Additionally, it provides students with a perspective on the world by scaling down an ecosystem. Lessons on nature conservation and ecosystem management can be incorporated.



This project offers students the unique opportunity to build and explore ecosystems themselves, fostering not only learning but also a deeper connection with nature.