# Living Soil for a Sustainable Future

Sandra Ferreira Escola Profissional de Desenvolvimento Rural de Alter do Chão Educational Level: Secondary





# I will implement my scenario in: Secondary

The duration of the implementation 8 hours is:

My scenario goals are:

- 1. Build Competence in Circular and Regenerative Practices:
- Integrate Interdisciplinary Knowledge for Real-World Problem Solving

How will I achieve my educational goals?

- 3. Cultivate Lifelong Eco-Conscious Behaviors:
- 4. Foster Sustainability Citizenship
- 5. Encourage Critical Thinking and Ethical Decision-Making

Remember that your scenario goals should be linked with Sustainability Citizenship.

#### Lessons 4: 8 hours

Include discussions on sustainability concepts, analysis of food systems, and the environmental impact of agricultural practices.

Students will participate in **hands-on activities** in the school garden, applying agroecological methods and learning through observation and experimentation.

Group work, peer collaboration, and real-world problem-solving tasks will be used to develop critical thinking and active citizenship.

I will integrate interdisciplinary content

### in the end of the project

At the end of the project, students will reflect on their learning journey through individual and group presentations. They will showcase their work in a final exhibition, including photos, videos, gardening products, and awareness materials created during the process...

## This activity links to the Sustainable Development Goals:















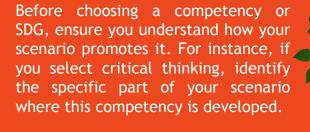








Select the goals you want and delete the remaining icons





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| Embodying Sustainable<br>Values        | Valuing<br>Sustainability X | Supporting<br>Fairness X | Promoting<br>Nature X     |
|--|-----------------------------|--------------------------|---------------------------|
| Embracing Complexity in Sustainability | Systems Thinking            | Critical Thinking<br>X   | Problem<br>Framing X      |
| Envisioning Sustainable<br>Futures     | Futures Literacy X          | Adaptability             | Exploratory<br>Thinking X |
| Acting for Sustainability              | Political Agency            | Collective<br>Action X   | Individual<br>Initiative  |



#### I will collaborate with:

| Organisation Type                     | Organisation Name  |  |
|---------------------------------------|--|--|
| NGOs (Non-Governmental Organisations) | Quercus - Núcleo Regional de Portalegre<br>Associação Zero   |  |
| PTA (Parent-Teacher Association)      | Parents: Volunteers and supporters for community projects.   |  |
| Local business                        | Partners with protocol with EPDRAC   |  |
| Other (please explain)                | Câmara Municipal de Alter do Chão<br>Teachers and School Staff: Facilitators of<br>the program and mentors for student<br>projects |  |



## Here is my plan for integrating this scenario in my school this year:

The project will begin with introductory sessions on sustainable food systems, followed by practical work in the school garden where students will prepare the soil, apply compost, and grow seasonal vegetables using agroecological methods. Cross-curricular connections with Chemistry and Technology will support the exploration of soil health, natural fertilizers, and circular practices. Students will also design posters and awareness campaigns to promote sustainable consumption within the school community.

The scenario will culminate in a "Sustainability Week," where students will share their results, recipes, and reflections with peers, families, and local partners. Evaluation will be based on participation, teamwork, project journals, and the final presentation. The integration of this project supports our school's mission as an agricultural institution to promote environmental responsibility and prepare students as sustainability citizens.

**SYNAPSES**