

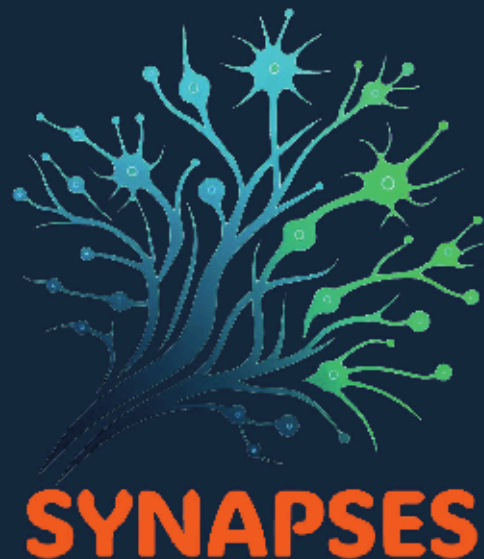
Course document

Inquiry Scenario Plan Design form for the promotion of Sustainability Citizenship



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School Details	
School Name	Agrupamento de Escolas de Figueira de Castelo Rodrigo
City name (Rural/ small town/ middle town/ big city)	Figueira de Castelo Rodrigo
Number of pupils and teachers	430 pupils and 70 teachers
How many students and teachers will be involved in the Plan?	40 students and 5 teachers

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Title:

Building a sustainable school

How sustainable is our school community?

What can we do to improve the habits of the school community?

Short Description (Max 500 words):

The Portuguese school system has a subject called Citizenship and Development students can explore themes based on locally identified problems.

Using the Open School approach, or SALL or Challenge Based Learning, the students will be invited to identify situations, in the school daily routines, or in the habits of their family who aren't sustainable (which are the problems). Then, they will choose those problems which they can effectively solve or improve, defining the strategies to help the community change its habits.

Stakeholders will be involved in order to improve or facilitate the projects.

All the actions developed will be spread in the school social media and so will be the results.

As the problems will be identified by the students, it's difficult to anticipate the measures that will be implemented. Anyway we can suggest some initiatives such as:

- encourage cycling on the home-school route;
- promote clothing and school supplies exchange fairs;
- implement fashion upcycling workshops;
- produce vegetables in the school garden, among with a compostable container for the garden waste;
- increase buying food from local farmers, participating on a local event called "It's from local farms"

Keywords (Up to 5):

upcycling, reuse, grow vegetables

Information about the Implementation

Language of the students: Portuguese

Age of the students: 12 -15

Number of Lessons – Duration (per lesson):

Number of Lessons: about 20

Duration per Lesson: 50 m

Is this activity a STEM Activity?

For which subject(s) the activity is usable, is it an interdisciplinary activity?

Portuguese and English;

Natural Science; Physics and Chemistry ; Mathematics

Citizenship and Development

Technology ; Sports; Arts

Information about the Scenario

Curriculum and country:

Link of the current activity to the curriculum:

www.dge.mec.pt/estrategia-nacional-de-educacao-para-cidadania

Country: Portugal Class: Citizenship and Development Grade: 8th

Topic: environmental education and sustainable development

Objectives (Max 100 words):

Description of the learning objectives

- become aware of the impact of our choices on the environment;
- relate habits and choices to sustainability and environmental problems
- identify more sustainable consumption habits (consuming less power and creating less waste)
- identify possibilities for changing habits
- engage the community in the process

Materials (Max 100 words):

Which resources and materials (software, hardware) are needed?

School Infrastructure	School Materials
Learning Lab	computers

Use of School Infrastructure

How are school facilities and equipment used in your educational scenario?

School Infrastructure	School Materials
Garden	sewing machines
Learning Lab	gardening tools
	Computers

Green competences:

Which green competences are covered by the activity?

Embodying Sustainable Values	Valuing Sustainability <input checked="" type="checkbox"/>	Supporting Fairness <input type="checkbox"/>	Promoting Nature <input checked="" type="checkbox"/>
Embracing Complexity in Sustainability	Systems Thinking <input type="checkbox"/>	Critical Thinking <input checked="" type="checkbox"/>	Problem Framing <input type="checkbox"/>
Envisioning Sustainable Futures	Futures Literacy <input checked="" type="checkbox"/>	Adaptability <input type="checkbox"/>	Exploratory Thinking <input type="checkbox"/>
Acting for Sustainability	Political Agency <input type="checkbox"/>	Collective Action <input checked="" type="checkbox"/>	Individual Initiative <input type="checkbox"/>

The definition of the following terms can be found in [GreenComp](#) that is translated in all European Union languages.

Working with the community

Which external actors will be involved within the framework of the training scenario?

Organisation Type	Organisation Name
NGOs (Non-Governmental Organisations)	Faia Brava- Nature Conservation Association
PTA (Parent-Teacher Association)	Parents Association
Local business	Local Farmers
Other (please explain)	Open Science Platform - municipal service to promote science learning

How will the above-selected institutions help in the educational scenario?

Faia Brava - involve the students on the forest and ecosystem restoration
 PA - support some of the initiatives and the changing habits program
 Local Farmers - talks about their products and income
 OSP - they have lot of equipment and machines that the school can borrow, they have large experience on recycling and upcycling

Detailed activity description

Fill in the table below according to the hours of the training activity and its content (fill in the table with the subjects contained in your training scenario).

The educational scenario should follow the 5E didactic model of inquiry-based learning.

Number and name of courses	Course content	Teaching hours
Feel	Identify a problem, the local opportunities and the local challenges. identify the causes of the problem and choose those that can be solved by the students.	1
Gather information	What do we already know about the problem? What do we need to know more? Who can help me? Search on the internet. Learning with stakeholders Reflect: Is the information relevant, enough, reliable?	4
Dream	Propose solutions and reflect about them; join projects that already exist; get feedback from the stakeholders	1- 3
Create	Implement the solutions	10
Share	During all the process	2-3

Evaluation (if any):

Please write how students are going to be evaluated

Analysis of constructed plans Final materials produce Reflections made during classes Oral presentations Content for social media

References (if any)

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Sustainable Contact Details:

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Annex

Feel free to add any more information and material you have, indicatively photos from the activity, constructions needed or any handbook that may be available online.

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