

Sustainability Citizenship and STEAM Education in Kilcooley NS

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Primary School



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I will implement my scenario in: 2nd -6th Class

The duration of the implementation is: Year long

My scenario goals are:

1. Understanding sustainability
2. Critical thinking and problem solving
3. Combine STEAM Learning and sustainability
4. Develop Environmental awareness and caring for community
5. Being actively involved in sustainability

**How will I
achieve my
educational
goals?**

Through 4 lessons we will....

- 1st **Introduce Sustainability and STEAM**
- 2nd **Renewable energy**
- 3rd **Producing Food Sustainably**
- 4th **Recycling and Waste Management**

Assessment will be

- **Ongoing assessment**
- **Final Assessment**
- **Peer Assessment**
- **Self Assessment**

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



This activity links to the Sustainable Development Goals:



The green competences that promoted from my scenario are:

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

We will collaborate with:

- Parents by involving them in sustainability activities
- Local education centres to source CPD and information for the local community
- Garden centres and farms using sustainable methods
- Local media to disseminate information
- Displays in the local library
- Galway County council Biodiversity Officer
- Green Schools – An Taisce

Here is our plan for integrating this scenario in our school this year:

We will have in class lessons on sustainability

Bring in guest speakers on topics

Visits to local farms/supermarket

Collect data from our solar panels on a daily basis

Children conduct energy audit to see where we are using energy

Carry out waste audit in particular on food waste

Communicate with local schools

