

Brighter Choices

How Smart Lighting Reduced Our Energy Footprint

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I will implement my scenario in: Upper Secondary (IB MYP4–5)

The duration of the implementation is: 6-8 hours across 3-4 lessons

My scenario goals are:

1. To raise awareness about energy consumption and efficiency.
2. To empower students to use real-life data to design and promote sustainable solutions.
3. To foster responsibility, systems thinking, and active participation in school-wide change.

How will I achieve my educational goals?

Through lessons I will...

1st Lesson: Understand the energy problem and observe school lighting use.

2nd Lesson: Analyze consumption data and propose smart solutions.

3rd Lesson: Create an awareness campaign and test the impact.

4th Lesson: Reflect and present findings to the school community.

In the end of the project...

Students will present a proposal and reflection on how their actions led to tangible energy savings and a shift in habits.

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



This activity links to the Sustainable Development Goals:



SDG 7 – Affordable and Clean Energy



SDG 12 – Responsible Consumption and Production



SDG 13 – Climate Action

The green competences that promoted from my scenario are:

Systems Thinking – students explore interconnectedness between behavior, energy, and environmental impact.

Critical Thinking – evaluating data and real-world impact.

Responsibility – individual and collective behavior change.

Collaboration – work with school management and external partners.

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



I will collaborate with:

- **1st external stakeholder:** Energy Efficiency Experts– provide data and support smart solution planning.
- **2nd external stakeholder:** School Maintenance/IT team – help implement and test smart lighting solutions.

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

- Include the scenario in the school's environmental education curriculum.
- Use the project to support IB students' Internal Assessments and Swedish curriculum goals.
- Share outcomes during open house events and via school screens and newsletters.
- Extend the project to boarding houses and other schools through NEB LAB and Synapses networks.

