

The Role of Honey Bee in Sustainable Citizenship

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Primary Education



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I will implement my scenario in: 6th class (11 - 12 years old)

The duration of the implementation is: 6 x 45 minutes

My scenario goals are:

1. Develop Ecological Literacy and Systems Thinking
2. Empower Students as Active Sustainability Citizens
3. Foster Creativity and Communication for Sustainable Change

How will I achieve my educational goals?



Lesson 1: Introduction to Honey Bees - life cycle / anatomy

Lesson 2: Impact of pollination - hands on demonstration of pollination

Lesson 3: Biodiversity and Bees - explore bee contributions to biodiversity

Lesson 4: Sustainable beekeeping practices - traditional vs sustainable beekeeping

Lesson 5: Community engagement - plan a class action

Lesson 6: Project Presentation - to another class / school community

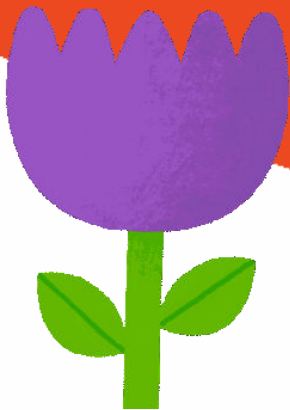


This activity links to the Sustainable Development Goals:



Our scenario links with the above Sustainable Development Goals. In particular, our scenario links with:

- Goal 4: Quality Education
- Goal 9: Innovation
- Goal 11: Sustainable Communities
- Goal 15: Life on Land



The green competences that are promoted from my scenario are:

4: Quality Education

Education about honey bees

Learning about sustainability

Connecting education with nature

9: Industry, Innovation

Promotes a sustainable local industry (Honey production)

Fosters innovation in the pupils and community

Development of Smart Technology - Bee Hotels



15: Life on Land

Introducing and sustaining honey bee population

Supports biodiversity conservation

Education about Wildlife species

I will collaborate with:

- **School Garden Team**
- **Non-Governmental Organisation:** Dublin Beekeepers Association
- **Parent - Teacher Association:** Core Parents' Group
- **Local Business:** Olly's Farm



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

- **Interdisciplinary & Inquiry-Based Learning:** Pupils explore the role of honey bees in sustainability through science, geography, maths, and visual arts over six hands-on lessons.
- **Real-World Engagement:** Activities include data analysis, school garden investigations, a visit from a local beekeeper, and creative presentations like posters or models.
- **Community & Action Focus:** Families and local groups help build a bee hotel and support biodiversity efforts, with pupils presenting their learning and proposing real actions for pollinator protection.

