



LEARNING THROUGH THE GARDEN

Example of teaching unit

Standard format for creating a learning unit for pupils of all levels

The 'Learning through the garden' teaching unit is designed to provide teachers participating in the Gardeniser Academy learning pathway with a working tool following the proposed method.

The tool is characterised by a flexible structure, whereby the main headings (such as 'Learning Objectives', 'Contents', 'Activities', 'Methods', 'Tools', 'Evaluation' and 'Duration') represent fixed elements of the outline and define the structure of the learning unit.

On the other hand, the parts listed under each heading (e.g. specific objectives or detailed activities) are variable and can be adapted to meet the specific needs of the class or educational context. This flexibility allows teachers to customise learning experiences while maintaining a basic coherence that facilitates the planning and implementation of the learning path.

Learning Unit: Learning through the Garden

Title: Discovering Nature and Learning through the Vegetable Garden

Didactic Objectives

Cognitive Objectives

- To acquire knowledge about agriculture and the environment.
- Understand the life cycle of plants.
- To deepen the importance of biodiversity for the ecosystem.





Transversal Objectives

- To develop problem-solving skills.
- Strengthen communication skills through group work.
- To promote inclusion and collaboration among students.

Practical Goals

- To improve planning and organisational skills.
 - Apply theoretical knowledge in practical activities related to the garden.
 - Stimulate active learning and revision of the activities carried out.
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Contents

- Key concepts: biodiversity, plant life cycle, environmental sustainability.
 - Practical activities: cultivation, maintenance and observation of plants.
 - Transversal themes: collaboration, inclusion, problem-solving.
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Activities

1. **Theoretical introduction:**
 - Short lesson on plant life cycle and the concept of biodiversity.
 2. **Designing the garden:**
 - Planning of crops to be planted, with division of tasks.
 3. **Practical Activity:**
 - Soil preparation, planting and care of plants.
 4. **Observation and Review:**
 - Monitoring of plant growth, with recording of results.
 5. **Final Reflection:**
 - Discussion on the results and skills acquired.
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Methodologies

- **Learning by Doing:** practical work on the garden.
- **Group work:** division of roles and collaborative activities.
- **Problem-solving:** tackling challenges such as pest control or optimising growth.





Tools

- Materials for the vegetable garden: seeds, potting soil, gardening tools.
- Logbook for monitoring activities.
- Teaching sheets on the topics covered.

Evaluation

- **Observation:** participation and involvement during the activities.
- **Production:** care and management of the vegetable garden.
- **Written reflection:** student feedback on results and skills learnt.

Duration

- Activity cycle: 6-8 weeks, with weekly sessions of 1-2 hours.

