

Daedalus

Main objectives

- Publicize the feeding of birds: type of grain
- Approaching the concept of "proximity product"
- Promote care and respect for the animal world
- Create an object to feed the birds

Vocabulary – Keywords

- Type of grain
- Proximity product
- Care and respect for the animal world
- Rainfed agriculture
- Cultivation

Sustainability skills developed

1. Collaboration: the ability to learn from others by creating a nest house together.
2. Strategic competence: ability to develop and implement innovative activities together.
3. Critical thinking: the ability to question, reflect and take a position in the sustainability discourse.
4. Self-awareness: the ability to reflect on one's own actions in the local community and (global) society.

Sustainability pillars included

Ecological, Social, Economic

STEAM Domains

Science, Technology, Engineering, Art, Mathematics

Teaching methodologies / scheme of activities

An initial assessment is made on the previous knowledge of the students regarding birds, their diet, and hence types of beaks (carnivores, frugivores, insectivores, and granivorous birds, which we will focus on).

Our explanation turns around granivorous birds. We will talk about the different types of seeds, where they are grown, types of crops, dryland agriculture, crops located near the school, etc.

The children are shown several trays with different types of grain. They are allowed to smell, touch, and even taste them. They have to match the seeds with their names and with their real plant or with a photograph of the plant. Some of them are sunflower seeds, wheat, corn, barley, and oats.



→ SUNFLOWER →



→ WHEAT →



→ CORN →



→ BARLEY →



→ OATS →



Finally, students are asked to prepare a feeder for groups of birds.

The feeder will be built as follows:

- use an empty clean plastic bottle to encourage recycling of containers
- decorate the bottle to make it beautiful
- fill the bottle with a mixture of seeds shown above
- make two holes on opposite sides of the bottle with a punch to fit a wooden spoon
- insert the wooden spoon through the two holes
- when winter comes, the children can hang their feeders in the playground.



Co-funded by the
Erasmus+ Programme
of the European Union

This project has been funded with the support of the European Commission. This publication reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

	<p>Expected learning outcomes The child will be able to:</p> <ul style="list-style-type: none"> - Understand the basic characteristics of birds according to their diet - Begin to understand the concept of cultivation, rainfed cultivation and grain - Learn the importance of consuming local products. - Build a bird's dining room.
	<p>Evaluation</p> <ul style="list-style-type: none"> - Initial rubric of observation of previous knowledge - Participation rubric - Self-evaluation by the activity of the dining room.
	<p>Equipment and materials to be used in the learning unit (tools, ingredients, etc.)</p> <ul style="list-style-type: none"> - Recycled material and consumables: punch, plastic bottle, rope, spoon, grain, trays, images, consumables, etc.
	<p>Type of environment: laboratory, kitchen, exterior, etc.</p> <ul style="list-style-type: none"> - Classroom and playground
	<p>References – source:</p>

Authors: Carla Castillejo Valdés, Helena Vitria Pujol, Ania Berbel Vinuesa



This project has been founded with the support of l'European Commission. This publication reflects the views only of the authors, and the Commission cannot Not bad Held responsible for any use which May Not bad Made of the information contained Therein.