

# Workshop on SILOS

## Teaching Guide

**AGE:** 10 to 14 years old.

### INTRODUCTION

The objective of this activity is to bring students closer to the knowledge of an asset that is already part of both the economic sector of our country and the national and regional cultural heritage. Thus the silos, a tool and a fundamental part of a sector strongly rooted and intricate to our country and our region; the agricultural sector is part of the landscape anatomy of Castilla-La Mancha, where they are drawn next to roads forming a fundamental part of the different Castilian-Manchego municipalities.

Thus, through this activity we offer information on the different types of silos, their origin and history, their uses, functions, their characteristics, as well as a virtual tour that shows the interior operation of a silo today.

It can be said that these emblematic buildings also known as the "cathedrals of the field" go beyond being mere constructions with a specific use, since, since their origin, they have been part of the history of our country and our region, being able to reach be considered even part of the national and regional heritage, both tangible and intangible.

Other contents related to the agricultural sector and of great repercussion at a historical and economic level for the region and the country are also worked on in this Work Unit.

Giving value to its importance and knowing in depth the operation of silos is the main objective that is sought in this activity, bringing students closer to spaces perhaps unknown to many, but which are undoubtedly part of our closest regional and national environment, and as it is reflected in this Work Unit, also of our history.

### OBJECTIVES

- Know the basic characteristics of silos: what they are, what parts they are made of, etc.
- Bringing students closer to the cultural and historical heritage of these buildings.
- Know the internal functioning of a silo.

- Raise awareness about the importance of silos within the regional, national and European economy.
- Know basic economic aspects related to the agricultural sector in the region and in the country.
- Promote values such as tolerance, respect and solidarity.
- Understand the origin and historical evolution of silos.

### **PROFICIENCIES**

This work unit is designed with integrated activities that allow students to advance in the development of the following skills:

- Competence in knowledge and interaction with the world.
- Social and civic competence.
- Digital competence.
- Learn to learn.

### **TIMING**

This Work Unit can be developed in two sessions of 50 minutes.

#### Introduction (5 minutes)

To introduce the activity, we can start by asking our students what they know about silos, if they have ever seen or visited any, what they are used for, what relationship they have with the agricultural sector, etc. In this way we will introduce the topic and encourage curiosity among the students.

#### Development (30 minutes)

We will reproduce the interactive presentation. In it there are contents of all kinds, so you can work over two sessions and it would always be advisable to end the practice of any of the activities proposed in the final part of the presentation, to review and strengthen content in a playful way. This will help us to evaluate what the students have learned during the session.

#### Evaluation (15 minutes)

The students will be evaluated to see if they have acquired the expected learning in this Work Unit through some activities proposed in the final part of the presentation. In them the students will be able to review and consolidate the contents in a playful way.

## **MATERIALS**

- Interactive presentation. It is recommended that you explore all of the interactive elements of the presentation, which are presented in a compelling way.

## **RECOMMENDATIONS**

This Work Unit will work through an interactive multimedia presentation, in which the contents and activities are offered in different types of formats on which the student can progress independently.

The presentation is structured in three main parts, sequenced and ordered:

- Contextual introduction: The students will be able to venture their reflections on the subject to work on; what are silos, what are they used for, how are they related to the agricultural world, etc... This will serve as a warm-up and preparation for the learning that they will receive through the presentation.
- Development: Through free navigation through the learning scenario, students will be able to learn various contents related to silos and the agricultural sector, as well as observe the operation of a silo "live" and explore the building virtually by within. In this part of the presentation, the student is immersed in real space.
- Strengthening of contents through gamification or self-evaluation: Finally, in this third and last part, students are presented with a series of evaluation dynamics, in which they are put to the test about the contents worked on in a playful and dynamic way.



Castilla-La Mancha

NUESTRA SALUD  
ESTÁ EN TUS MANOS