

*Creating an ECO online Natural Fit Virtual Programs to Prepare Students for
boosting 21st century Skills 4 the Future (UNITY)*

2021-1-SE01-KA220-SCH-000032448

*STE(A)M-focused PBL for transferring 2021st skills for fighting against
climate change*

LESSON PLAN 10:
ODE TO TOMATO

Presented by IC Toniolo, ITALY

Lesson procedure:

Date:	__10 / __05 / __2022__
Teaching staff:	Mr/Mss/Ms
Term:	2022-2023
Week:	2
Year Level:	Primary
Time/length	12 hour.
Key Learning Area:	Use of transversal skills for a sustainable diet that involves the consumption of nutritionally healthy food with a low environmental impact, at km 0, a moderate use of water resources, attentive to biodiversity and the ecosystem, rich in local and traditional food, fair and accessible to all. All this through the interdisciplinary involvement of the Italian disciplines, sciences, geography, history, art and social studies.
Topic/focus:	Understanding how much food sustainability is a complex issue that concerns not only the entire food production chain, but also and above all people's choices and behaviors. Of all the types of sustainability, food sustainability is present daily in the life of all of us, when we buy food, when we prepare it, when we feed ourselves.
Lesson Name: ODE TO TOMATO	
Foreseen Outcomes:	
At the end of this lesson, students will be able to:	
<ol style="list-style-type: none"> 1) The students will know some literary texts concerning the topic dealt with and will be able to compose others on an established theme using the same descriptive method. 2) Students will be able to recognize the different communication strategies and their different purposes (advertising, scientific texts, popular articles). 3) Students will know the history of the origin of the tomato, the phases of growth, the production seasons, the places of production and harvest, the properties and characteristics. 4) Students will know the main characteristics of a correct reading of food labels. 5) Students will know the importance of the products of their territory and will use the knowledge acquired to assume responsible behavior in relation to their lifestyle and health 	

promotion.

Lesson Description:

Lesson 1: Reading of the poem “Ode to tomato” by Pablo Neruda, analysis collective text, personal written reflection on the contents expressed. Production (personal or small group) of creative writing papers with the title: "Ode a ..." (type of snack usually brought to school). In the text, following the outline of Neruda's poem, they will have to try to highlight the sensory characteristics: aromas, taste, etc. Research to be done at home for food related advertisements, in newspapers, internet and videos, and their observation.

Lesson 2) Comparison and discussion of the meanings and contents and insights done at home (flipping) and their return to the class group.
Presentation of scientific-argumentative texts concerning food and nutrition. Comparison and analysis of the different communication strategies and their purposes (advertising, scientific and informative texts). Search by home, in groups, of types of tomatoes, production phases, places of production and harvest, properties and characteristics.

Lesson 3) Presentation of the contents collected by the groups to the class and their elaboration through tables, diagrams and summary texts. Elaboration of a FOOD BOOK where to write down the meanings of the different words encountered by tagging them in their main characteristics: organoleptic and biological characteristics. The FOOD BOOK of each pupil can also be enriched at home or at different times.

Lesson 4) Reading of food labels, where present, of the components of industrial snacks usually consumed at school during recess. Search for unknown components and their inclusion in the FOOD BOOK built in the classroom. Comparison of foods composed of natural foods and foods of industrial origin. Preparation and tasting in class of a snack based on bread, tomato and extra virgin olive oil.

Pre-requisites to this lesson plan (not applicable):

Length (Lesson procedure):

This lesson will take 3-4 hours, which also includes interdisciplinary learning.

Depending on how to implement the planned lesson, the teaching shall need some materials, including videos, comics and papers. The teaching staff shall follow the following steps to implement the lesson successfully:

Common Core State Standards:

The teacher shall connect and correlate the lesson with the national Italian syllabus.

Enduring Understandings:

Students will understand the importance of a sustainable diet that includes the consumption of nutritionally healthy food with a low environmental impact, a moderate use of water resources, attentive to biodiversity and the ecosystem, therefore rich in local and traditional foods, fair and accessible to all.

Essential Questions:

- ✓ What are the main characteristics of a food?
- ✓ How to choose the right food for our health?
- ✓ What does food sustainability mean?
- ✓ How can we bring it into our daily life?

Before the lesson implementation, the teaching staff shall brainstorm the above questions with the colloquies at the same school.

Case section:

1) The teacher proposes the vision of an advertisement accompanied by the reading of the poem by Pablo Neruda and relative reflection of how much the product adheres to the analyzed text. The teacher proposes a common reflection on the characteristics of the communication used in the various food advertisements and their function. He also invites the students to reflect on the foods that are commonly consumed at different times of the day.

2) The teacher proposes an observation of the organoleptic data of the industrial-type snack brought for breakfast: visual, olfactory, auditory and gustatory data. Analysis of the food label, places of production and expiry-consumption times.

3) The teacher proposes the common reflection on the bread and tomato tasting done in class and its repetitiveness in the pupils' day.

Skill focus:

During the lesson, Cognitive Skills, Decision Making, Flipped classroom, Problem solving, Creative Thinking and Interpersonal Skills will be the focus.

Content:

The content of the unit is based on disciplinary or subject area concepts.

Building knowledge through learning by doing, peer tutoring, flipped classroom and cooperative learning.

Ratings: Grids will be structured for the systematic observation of learning and structured for diagnostic, formative and summative evaluations. Compilation grids will be prepared for self-assessment by pupils.

Evidence of Student Learning:

The learning tests will consist of systematic observations, construction of tables and self-evaluation questionnaires.

Texts/Resources:

<https://wordwall.net/it/resource/12980490/alimentazione/sana-alimentazione>

<https://www.youtube.com/watch?v=tNyqGY6wnik>

<https://venti-trenta.it/>

<https://venti-trenta.it/agenda-2030/agenda-2030-obiettivo-2-sconfiggere-la-fame#:~:text=Eliminare%20la%20fame%20e%20la,che%20lavorano%20la%20propria%20te>

<https://www.focusjunior.it/news/news-e-curiosita/storia-del-pomodoro-un-cibo-che-viene-da-lontano/>

Learning Activities:

A series of tasks that the student will have to perform during the lesson. The activities are based on what the students need to understand and be able to do for the performance and are in line with the standards defined "Ode to tomato" and the essential questions defined in the "Case Section"

Teachers need to create a stimulating and flexible learning environment for students. Here the teacher uses:

Warm-up: proposes stimuli and materials for autonomous research at home to socialize, deepen and systematize knowledge together at school.

Practice: the teacher organizes a demonstration / modeling (I-we-you do)

Study / Rehearsal / Workshop (students are dedicated to creation / play / design / restitution).

Cleanliness: In this context, the teacher does not take on the role of leading actor, but becomes a sort of facilitator, the director of the didactic action.

Presentation of the work

Suggested Extensions:

Students will be able to deepen the experiences studied through research by national and international organizations and associations in charge of reporting the activities undertaken by individual nations. Future research on how much the recent Covid 19 pandemic has affected the planned actions could also be promoted.