



Erasmus+



Environmental Education Lesson Plans



**Environmental Education Lessons have been prepared
by schools in Poland, Italy, Türkiye and Lithuania.**

Lesson Plan: Save Our Planet

Grade Level: Sixth

Subject: World Languages

Duration: 1 hour

Teacher: Agnieszka Kacperek

School: Szkoła Podstawowa nr.5 im. Polskiej Macierzy Szkolnej/Poland

Lesson Overview

This lesson focuses on environmental conservation. The students will explore water saving, recycling, and preventing waste incineration. They will work in groups to create informative posters, fostering collaboration and creativity.

Learning Objectives

By the end of the lesson, students will be able to:

1. **Identify** key issues related to water conservation, recycling, and waste management. (*Bloom's: Remember*)
2. **Explain** the importance of saving water and recycling in preventing environmental damage. (*Bloom's: Understand*)
3. **Discuss** the negative effects of burning waste on the environment. (*Bloom's: Understand*)
4. **Collaborate** in groups to design a poster that promotes environmental awareness. (*Bloom's: Apply*)
5. **Evaluate** the effectiveness of different environmental conservation strategies. (*Bloom's: Evaluate*)
6. **Create** a group poster that communicates a clear message about saving the planet. (*Bloom's: Create*)

Materials Needed

- Chart paper
- Markers, colored pencils, and crayons
- Access to online resources or printed materials about environmental conservation

Lesson Structure: Introduction (10 minutes)

- **Hook:** Start with a brief discussion about the importance of taking care of the planet. Ask students to share what they know about environmental issues.

- **Objective Presentation:** Explain the lesson objectives and the activities planned for the session.

Instruction (15 minutes)

- **Water Conservation:** Discuss the importance of saving water. Share statistics or stories about water scarcity.
- **Recycling:** Introduce the concept of recycling and its benefits. Show examples of everyday recyclable items.
- **Waste Management:** Explain why burning waste is harmful and discuss alternative waste disposal methods.

Group Activity (25 minutes)

- **Poster Creation:**
 - Divide students into small groups.
 - Assign each group one of the three topics: water saving, recycling, or waste management.
 - Instruct groups to create a poster that includes facts, statistics, and illustrations to promote their assigned topic.

Presentation and Discussion (10 minutes)

- Have each group present their poster to the class.
- Facilitate a discussion on the different strategies presented and their potential impact on saving the planet.

Assessment

- **Formative Assessment:** Observe group discussions and participation during the poster creation activity.
- **Summative Assessment:** Evaluate the completed posters for creativity, accuracy, and clarity in communicating their message.

Reflection

- Ask students to reflect on what they learned and how they can implement these practices in their daily lives.
- Encourage them to think about other ways they can contribute to environmental sustainability.

Extensions

- **Homework:** Research one new fact about an environmental issue and share it with the class in the next lesson.
- **Project:** Start a class recycling initiative or water-saving campaign.

This lesson incorporates cooperative learning strategies and aligns with the teaching practices of Mike Mattos, promoting student engagement and understanding through active participation and collaboration.

Lesson Plan: Save Our Planet

School Level: 3rd Grade

Subject: Italian

Duration: 2 hours

Teacher: Nadia Travaglione

School: I.C.B.Bosco Lucarelli -Benevento-Italy

Integrated lesson: Theory and Practice on Composting with Creation of an Information Panel

Lesson Objective:

To provide students with a complete understanding of composting through a theoretical lesson and a practical activity, culminating in the creation of an information panel that summarizes the information learned.

Duration:

4 hours (2 hours for theory and 2 hours for practice)

Structure of the Lesson

Part 1: Theoretical Lesson on Composting (2 hours)

1. Introduction to Composting (30 minutes)

- Explanation of what composting is and its natural decomposition process.
- Discussion of compostable materials (kitchen scraps, leaves, grass) and non-compostable materials (meat, dairy, oils).
- Benefits of composting: waste reduction, creation of natural fertilizer, improvement of soil quality.

2. Composting Process (30 minutes)

- Details on the stages of composting: collection, mixing, aeration, humidity and time.

- Importance of the balance between “green” materials (nitrogen) and “brown” materials (carbon).

3. Types of Compost Containers (30 minutes)

- Presentation of different types of compost containers and their characteristics.
- Discussion on how to build a compost container using recycled or easily available materials.

4. Preparation for the Practical Activity (30 minutes)

- Explanation of the practical activity: construction of a compost container and planting.
- Division of the class into groups and assignment of tasks for the construction of the container and planting.

Part 2: Practical Activity (2 hours)

1. Compost Bin Construction (1 hour)

- Each group builds a compost bin using the materials provided (e.g. wooden pallets, wire mesh).
- Students fill the bin with compostable materials, balancing green and brown materials.

2. Planting (1 hour)

- Preparing the pots or gardening area by mixing compost and soil.
- Planting seeds or seedlings, explaining the importance of caring for plants.
- Lightly watering the plants after planting.

Part 3: Making the Information Panel (1 hour)

1. Creating the Information Panel (1 hour)

- Using posters, markers, pictures and information gathered during the theoretical and practical lesson, each group creates an information panel about composting.
- The panel should include:
- What is composting?

- Benefits of composting.
- Compostable and non-compostable materials.
- Phases of the composting process.
- How to build a compost bin.
- Importance of planting and using compost.

2. Presentation of the Panels:

- Each group presents their information panel to the class, explaining the information and the importance of composting.
- Open discussion to share ideas and reflections.

Conclusion (30 minutes)

- Final Reflection:
- Discuss the importance of composting and how everyone can contribute to a more sustainable environment.
- Encourage students to put into practice what they have learned, both at school and at home.

Evaluation:

- Evaluate student participation in building the bin, planting and creating the information panel.
- Observe commitment and creativity in the presentation and group work.

This integrated lesson offers a complete approach to composting, combining theory and practice, and promoting creativity and teamwork through the creation of an information panel.

Lesson Plan: Save Our Planet

School Level: 4th Grade

Subject: Türkiye

Duration: 1 hours

Teacher:

School: Cahit Zarifoğlu Primary School-Arnavutköy-İstanbul-TÜRKİYE