

## COURSE PLANS

### UNIT 8.

#### 1. BASIS

Concepts and specific vocabulary related to materials are introduced. Pupils will extend their knowledge of saving energy and recycling in order to acquire both knowledge and habits to engage in protecting the environment which can be applied to their daily lives.

May

#### 2. METHODOLOGY

As they work through this unit, pupils will learn about the main materials and their characteristics, understand the importance of recycling and the use of suitable containers as well as the importance of saving energy and guidelines for putting energy conservation into practice.

CONTENTS	EVALUATION CRITERIA	LEARNING STANDARDS
<ul style="list-style-type: none"> <li>• Knowledge of the characteristics of wood and the objects made with this material.</li> <li>• Knowledge of the characteristics of metal and the objects made with this material.</li> <li>• Knowledge of the characteristics of glass and the objects made with this material.</li> <li>• Knowledge of the characteristics of plastic and the objects made with this material.</li> <li>• Knowledge of the characteristics of fabric and the items made with this material.</li> <li>• Classification of various objects in relation to materials.</li> <li>• Discrimination of materials by animal or plant origin.</li> <li>• Knowledge of the importance of caring for the environment by separating waste.</li> <li>• Knowledge and understanding of saving energy and guidelines for putting energy conservation into practice.</li> <li>• Understanding information and acquiring vocabulary about materials, saving energy and recycling; showing interest in reading and oral information about these topics.</li> </ul>	1. Learn about the characteristics of wood and the objects made with this material.	1.1. Know the characteristics of wood and name different objects made of wood.
	2. Learn about the characteristics of metal and the objects made with this material.	2.1. Know the characteristics of metal and name different objects made of metal.
	3. Learn about the characteristics of glass and the objects made with this material.	3.1. Know the characteristics of glass and name different objects made of glass.
	4. Learn about the characteristics of plastic and the objects made with this material.	4.1. Know the characteristics of plastic and name different objects made of plastic.
	5. Learn about the characteristics of fabric and the objects made with this material.	5.1. Know the characteristics of fabric, and name items made with it.
	6. Know and discriminate materials of animal and plant origin.	6.1. Recognise and discriminate materials of plant and animal origin.
	7. Know the meaning of recycling and the reuse of materials in relation to environmental protection.	7.1. Know the meaning of recycling and the reuse of materials and adopt these practices.
	8. Know and name the different recycling containers and the materials that should be put in each of them.	8.1. Know about the different recycling containers and the materials that should be put in each of them.
	9. Understand the importance of saving energy and energy conservation guidelines.	9.1. Understand the importance of saving energy and energy conservation guidelines.

	10. Understand information and acquire vocabulary in reading texts about materials and recycling.	10.1. Understand information and acquire vocabulary about materials and recycling and show interest in information found in reading texts.
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### 3. COMPETENCIES

COMPETENCIES	CONTENTS AND ACTIVITIES BY COMPETENCY
Linguistic competency.	<p>Understanding the meaning of written texts.</p> <p>Understanding written statements and rubrics</p> <p>Respecting the rules of communication in various contexts: taking turns to speak, paying attention to the speaker ...</p> <p>Respecting taking turns to speak and listening attentively.</p>
Mathematical competency and basic competencies in Science and Technology.	<p>Being committed to the responsible use of natural resources.</p> <p>Using knowledge from the unit to develop habits of responsible behaviour towards energy conservation</p> <p>Interacting with the natural environment in a respectful manner.</p> <p>Using knowledge about recycling and putting it into practice.</p>
Digital competency.	<p>Using digital tools to build knowledge.</p> <p>Using digital tools to carry out the activities.</p>
Learning to learn.	<p><i>Multiple Intelligences:</i> Developing the different multiple intelligences.</p> <p>Using recycled materials to create new items.</p>
Social and Civic competencies.	<p>Showing a willingness to participate actively in established areas of participation.</p> <p>Actively participating in activities</p> <p><i>Values:</i> Learning to behave correctly according to different values.</p> <p>Using knowledge from the unit to develop habits of responsible behaviour towards energy conservation.</p>
Sense of initiative and entrepreneurial spirit.	<p>Assuming the responsibilities entrusted to them and giving an account of them.</p> <p>Being responsible with individual work and group work.</p>
Cultural awareness and expression	<p>Developing work and presentations with aesthetic sense.</p> <p>Being careful with presentation and neatness in their work.</p>