

# We reuse: construction of musical instruments with recycled material

## 1 Main objectives

- Know the concepts of the three R's: reduce, recycle, reuse.
- Understand the importance of reusing to conserve natural resources and not pollute.
- Know that the actions of the human beings affect the planet.
- Develop the perception of contributing to caring for the planet.
- Practice artistic skills, in the execution of a song with a musical instrument and a dance.
- Enjoy artistic creation.

## 2 Vocabulary – Keywords

The 3 R's: reduce-reuse-recycle-

## 3 Sustainability skills developed

- Systemic thinking competency
- Self-awareness competence

## 4 Pillars of sustainability included

- **Ecological:**  
Know how reusing helps to conserve natural resources.
- **Social:**  
Know how human actions affect the sustainability of the planet.
- **Economic:**  
Reflect on the advantages of reusing what we discard, giving objects another life, and save.



## 5 STEAM domains

- **Science:**  
Know the effect of human actions on the planet
- **Technology:**  
Construction of a pizzitophone
- **Art:**  
Artistic representation in the execution of a song with a pizzitophone

## 6 Teaching methodologies / activity scheme


1. First, the children will visualize a musical representation of the musical/humorous group Les Luthiers , to discover what their instruments are made of.
2. Later, from the reuse of yogurt containers, they will create a pizzitophone : an instrument to be played with the pizzicato technique.
3. Next, as a group, we can go out to the school yard/garden and play the following song with the built instruments and dance:  
Dance with the pizzitophone  
<https://www.youtube.com/watch?v=C-Pp3RrBRKA>
4. At the end of the pathway activities, there will be an assembly where the boys and girls will share their ideas about the 3Rs. This assembly will be recorded on video for later evaluation.

## 7 Expected learning outcomes

**The child will be able to:**

- Give examples of what reuse is.
- Learn how you can give another life to what we discard.
- Begin to understand the effect of human actions on the planet.
- Develop artistic skills: use of "pizzicato".
- Develop oral communicative competence.



<b>8</b>	<h2 style="margin: 0;">Assessment</h2> <p>Instruments elaborated and the artistic -musical interpretation will be evaluated.</p> <p>An observation table will be used to analyze the assembly that has been recorded on video and assess the understanding of the 3Rs by the boys and girls.</p>
<b>9</b>	<h2 style="margin: 0;">Equipment and materials to be used in the learning unit (eg: tools, ingredients, etc.)</h2> <p>Crepe/Pinocchio paper or colored cardstock; yogurt containers; zeal; colors; scissors; elastic band</p>
<b>10</b>	<h2 style="margin: 0;">Environment type: laboratory, kitchen, outdoor</h2> <p>Classroom and school yard/garden</p>
<b>el</b>	<h2 style="margin: 0;">References – source:</h2> <p><a href="#">Construction of a pizzitophone</a></p> <div style="text-align: center;">  </div> <p>dance with the pizzitophone <a href="https://www.youtube.com/watch?v=C-Pp3RrBRKA">https://www.youtube.com/watch?v=C-Pp3RrBRKA</a></p> <p>For information of the teacher: Informal instruments of the group Les Luthiers : <a href="https://lesluthiers.org/verinstrumentos.php?modo=Informal">https://lesluthiers.org/verinstrumentos.php?modo=Informal</a></p>

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