

# Artificial vs. Natural products

**Authors: Irene Culcasi, Federica Cacioppola, Angelo Mirra**

**1**

## General aims:

- Increase the ability to cooperate
- Increase observation skills
- Understand the differences between nature and artificial products
- Increase the ability to compare oneself with others

**2**

## Vocabulary - Keywords

Nature, artificiality, creations

**3**

## Development of sustainable skills

- Systemic thinking
- Self-awareness
- Strategic competence
- Normative competence

**4**

## Pillars of sustainability included

- Environmental sustainability
- Social sustainability

**5**

## STEAM domains

Science, Art

**6**

## Teaching methodologies/activity outline

The teacher shows pictures on the interactive whiteboard: natural landscapes populated by plants and animals (sea, mountain, lake, hill) and man-made landscapes (city, amusement park, museum, etc.) and asks the children to identify whether it is a product of nature or man-made (artificial). The teacher then has the class group listen to some songs, inviting them to represent them through their bodies in space:



1. [https://www.youtube.com/watch?v=rBrd\\_3VMC3c&ab\\_channel=LouisArmstrongVEVO](https://www.youtube.com/watch?v=rBrd_3VMC3c&ab_channel=LouisArmstrongVEVO)
2. [https://www.youtube.com/watch?v=HNBCVM4KbUM&ab\\_channel=BobMarleyVEVO](https://www.youtube.com/watch?v=HNBCVM4KbUM&ab_channel=BobMarleyVEVO)
3. <https://www.youtube.com/watch?v=jMyIK2yffBo>
4. <https://www.youtube.com/watch?v=Vppbdf-qtGU>

and asks the children to associate them with the natural world VS artificial world.

Guiding questions while listening:

"How does this song make you feel?", "What does it make you think of?", "In your opinion, which sound best describes the natural and the artificial worlds?"

The activity ends with an hand-graphic work: the children draw the landscape that most intrigued/interested them with hand-paintings.

## 7 Expected learning outcomes

**The child will be able to:**

- Explore reality
- Elaborate ideas
- Recognise one's moods

## 8 Assessment

Final evaluation through oral questions related to what was observed during the activity

*What are the differences between natural landscapes and landscapes created by humans?*

*Can you give me an example of a natural landscape and an artificial landscape?*

## 9 Equipment and materials to be used in learning unit (tools, ingredients etc)

Interactive whiteboard

## 10 Kind of setting - lab, kitchen, outdoor etc.

Classroom



## 11 Reference - resources:

Bova, A. (2003). Giocare con la musica. 95 giochi musicali per insegnanti, educatori, genitori e per divertirsi con gli amici



Co-funded by the  
Erasmus+ Programme  
of the European Union

This project has been funded with support from the European Commission. This publication reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.