



DETERIORATION OF
HERITAGE DUE TO
AIR POLLUTION

Art | History | Mother Language | Foreign Language



MED
EDUC



Erasmus+



CULTURAL HERITAGE

PEDAGOGIC CONTENT:

Air pollution.
Deterioration of monuments and historic buildings.
Solutions to the problems generated to heritage.

PRE-REQUISITES:

- Basic skills on History of Art.

NEW COMPETENCIES TARGETED/LEARNING OUTCOMES:

STUDENTS WILL BE ABLE TO:

- Investigate and look for examples of the effect of the increase of air pollution levels on the heritage.
- Use the obtained information properly and reflect in the text commentary or picture analysis their comprehension and considerations to the proposed problem.
- Express themselves correctly.



DETERIORATION OF
HERITAGE DUE TO
AIR POLLUTION

DESCRIPTION:

PREPARATION

-  #1: Looking for information on the effects of pollution on the heritage (bibliography, specialized journals etc.)
-  #2: Select from five up to ten images that exemplify the subject (Cathedral facades affected by car soot etc.)
-  #3: Select from two up to five text excerpts (newspaper articles or a specialized book on the subject) that reflect the issue of heritage affected by air pollution.

IMPLEMENTATION

-  #1: The teacher will explain to the students about the issue: the effect of pollution on the conservation and preservation of heritage. The polluted air of the cities, loaded with particles and gases, gradually destroy the materials of historical monuments; rain acid and soot are the main destroyers.
-  #2: The teacher will choose the images or texts that he will consider appropriate (about 5 pictures and about 2 or 3 excerpts) to be distributed among 20-25 students.
-  #3: Once the students have been assigned the task (text commentary / picture analysis) they will begin to do their individual task:
 - Gathering information.
 - Drafting the text commentary, taking into account the information collected.
-  #4: Handing in the assignment to the teacher for checking, which will include a short summary of the information consulted and how it have been used.
-  #5: A debate or round table among the students, moderated by the teacher, where they will present the results and conclusions of their research.

Type of activity  Individual task, text commentary on Art History (text or picture), gathering information, handing in the assignment to the teacher.

Target audience  From 17 years old.

Place  Classroom.

Material needed  Mobile phone, tablets, computer, internet access and digital whiteboard. Textbook, journals.

Duration of activity  Preparation:
- Gathering information to present the subject to the students: 1 hour.

- Looking for excerpts or pictures to work on the topic: 1 hour.

Implementation:

- 1 class session: The teacher raises the question to be treated and assign the task (1 hour).

- Homework.

- 1 class session: discussion or presentation of the tasks and results by the students (1 hour).

Authorship  Technical staff in Environmental education at Sustainability and Environment department of Consell de Mallorca.

No registration or authorization for use is required.

Links  <https://unece.org/environment/news/air-pollution-puts-cultural-heritage-risk>
https://www.youtube.com/watch?v=d_wDI45Zr7E (Air pollution is ruining Europe's ancient monuments)



Departament de Sostenibilitat i Medi Ambient
Consell de Mallorca



MedORO



Notes by author  In order to meet the objectives of the task and to consolidate the key competences, it is important that the students become aware of the degradation/destruction of the Mediterranean Heritage because of the high levels of air pollution, which especially affects large cities (due to the increase of the road traffic, acid rain, gases...) which entails a high cost in restoration works and protection. Regarding methodology, the teacher will give an introduction to the students concerning the issue and will provide them with guidelines to elaborate the task and all this will be concluded with the exchanging of results and assessments on the proposed topic.



Departament de Sostenibilitat i Medi Ambient
Consell de Mallorca

