

LEARNING CARD

Augmented Climatology

Description This activity will bring augmented reality technologies to students to promote their learning about climatology in the subject of geography and natural sciences through the creation of a video and a brochure.

Tag

- Animation
- Audio
- Cosplay
- Design
- Documentary
- Photo
- Video
- Writing
- Youtube

Skills

PRODUCTION

- To create and modify written productions
- To use writing software and apps
- To create and modify photographic productions
- To use photographic and editing tools
- To create and modify drawings and designs
- To use drawing and design tools
- To create and modify audio-visual productions
- To use filming and editing tools

CONTENT MANAGEMENT

- To search, select and download

SOCIAL MANAGEMENT

- To collaborate
- To coordinate and lead
- To teach

MEDIA AND TECHNOLOGY

- To take action and apply

NARRATIVE AND AESTHETICS

- To compare
- To evaluate and reflect
- To take action and apply

Learning areas

- Sciences
- Social Sciences

Card language

- English
- Spanish
- Italian

Structure

Sessions 7 (Variable)

Duration	50' (Variable)
Number of participants	10-30 participants
Age	<ul style="list-style-type: none">• 10-13
Materials	<ul style="list-style-type: none">• Computer• Telephones, tablets or video cameras• Internet

Process

Key questions

- What sources about the weather should I consult?
- How will we organize the contents?
- Who will I direct this video at?

Development

Session 1. The students are grouped into groups of 4-5 people, the climates to be investigated are distributed, and the task begins **(60')**.

Session 2. The students continue to investigate and begin to create the script for a video. **(60')**.

Session 3. The students brainstorm about how they want to present their content and its organization. They should create a kind of book or brochure, and also a video, to present the content. **(60')**.

Session 4. Creation of the video in which the assigned climate is explained. **(60')**.

Session 5: Creation of a brochure / book explaining the assigned climate. **(60')**.

Session 6: Presentation of the content to the rest of the class. **(60')**.

Session 7. Final debate on the knowledge acquired and final evaluation (group and individual). **(60')**.

Evaluation

The process, group work, and the final result of the project is evaluated with a rubric, self-evaluation and group evaluation using evaluation targets.

References for professors

- Aurasma: <https://www.aurasma.com/>

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