



STEM for inclusive Schools

WP2 – Activities

Worksheet - Augmented Reality (AR) Wildlife Conservation Expedition

(Version: *October 2024*)

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Project Title:	STEM for inclusive Schools
Acronym:	STEMinSCH
Reference number:	2023-1-DE02-KA220-000151162
Project partners:	P1 University Paderborn (UPB), DE P2 Universitatea Dunarea de Jos din Galati (UDG), RO P3 Scoala Gimnaziala Nr. 7 Galati, RO P4 Siec Badawcza Lukasiewicz - Instytut Technologii Eksploatacji, PL P5 Inovatif ve Girisimci Toplum Dernegi, TR P6 Sucessos Criativos, Lda, PT



Worksheet for the Activity:

Augmented Reality (AR) Wildlife Conservation Expedition

name of the activity

Task description

Time to finish the task: 6 days

Supplies:



Tablets or smartphones with internet access

Free AR apps (e.g., Seek by iNaturalist, WWF Free Rivers, Google Lens)

Notebooks or digital journals for recording observations

Access to online research tools (e.g., WWF website, National Geographic, IUCN Red List)

Method:



Use AR technology to explore virtual representations of endangered species in your local environment. Collect data on species, their habitats, and conservation challenges. The findings will be analyzed and presented through reports, blogs, or interactive presentations that you will prepare.

Instructions:



DAY 1:

- Discuss in group the importance of wildlife conservation.
- Select an AR app and explore its features.
- Identify at least three endangered species to investigate.
- Record your chosen species in Table 1.

DAY 2-3:



- Use AR apps to locate and study virtual wildlife.
- Observe and record species details:
 - Habitat and geographical location;
 - Conservation status (endangered, critically endangered, etc.);
 - Threats and human impact;
 - Possible conservation solutions;
- Take notes and screenshots for documentation.

DAY 4:

- Compare findings with your class.
- Analyze human impact on species and potential solutions.
- Answer the reflection questions which you will find at the end of this worksheet.

DAY 5-6:

- Summarize findings in a digital report, blog, or interactive presentation.
- Include:
 - Species descriptions and conservation insights
 - Images/screenshots from the AR expedition
 - Conservation recommendations
- Present your findings to the class.

Your Group name:



Write the names of your group members in the box:





Table 1:



Planning Your AR Wildlife Conservation Expedition:

Endangered Species	Habitat	Conservation Status	Threats	Conservation Efforts



Table 2:



Observations and Findings:

Species name	Habitat description	Human impact	Suggested Conservation Actions

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Reflection Questions:

1. What was the most surprising discovery during the AR expedition?
2. How does human activity impact local wildlife?
3. How can AR technology contribute to conservation awareness?
4. What actions can you take to help protect endangered species in your area?