TECHNOLOGY - LESSON PLAN

Grade:	5th - 8th (Age 10-14)
Subject:	United in Biodiversity - **Wildlife Trafficking**
Lesson n°:	**#2**
Topic:	Virtual Wildlife Exploration - Interactive Activity
Lessons focus and goals:	**Goals**: This lesson aims to educate students about wildlife trafficking, highlighting the importance of biodiversity conservation and the threat that illegal trafficking poses to the survival of many species. Focus: Using an interactive digital content creation platform, students will create a multimedia map depicting the species most affected by this phenomenon and the various threats they face due to illegal trafficking.
Learning objectives:	● Understanding the concept of wildlife trafficking and its relationship with local biodiversity ● Development of Digital Skills: Students will learn to use Canva's key features to create an interactive map ● Promotion of Creativity: The activity will encourage students to express their creativity in the design and visual representation of the map, fostering innovative use of graphics, images, and text to effectively communicate the challenges related to wildlife trafficking. ● Fostering Group Work and Collaboration: The activity will be structured to promote collaboration among students, requiring them to work in groups to explore, gather data, and collectively create the interactive map.

Materials	● Internet connection ● PC or tablet ● Canva Account for Each Student
Structure and activities	**Activity Structure: 3 Modules of 45 Minutes Each** **Lesson 1:** **1. Introduction (20 minutes):**

- Begin the lesson with a classroom discussion on the topic of wildlife. Ask students what they know about wildlife and why it is important.
- Present the issue of wildlife trafficking using informative cards, videos, podcasts, or other relevant materials. Discuss the consequences of wildlife trafficking on animals, the environment, and humans.

https://www.worldwildlife.org/threats/illegal-wildlife-trade

https://www.fws.gov/

https://www.unodc.org/unodc/en/data-and-analysis/wildlife.html

https://www.ecowatch.com/wildlife-trafficking-facts.html

Inside the Global Underground Wildlife Trafficking Market

Illegal Wildlife Trade Overview KS2

2. Research and Exploration (25 minutes):

Divide students into groups of 3-4 people. Assign each group a country or region particularly affected by wildlife trafficking. Use online resources to investigate the species present and the threats they face due to illegal trafficking. Each group presents their findings and discusses specific environmental challenges related to illegal trafficking in that ecosystem, guided by the teacher.

Lesson 2:

1. Designing the Canva Map (45 minutes):

- Introduce Canva to the students and provide them with a brief guide on how to use the tool, focusing on templates suitable for creating a map.
- Ask each group to create an interactive Canva map representing the issue of wildlife trafficking in their assigned country or region.
  - The map should include
  - The location of the country or region
  - Wildlife most affected by trafficking
  - Consequences of wildlife trafficking

Encourage students to use images, videos, text, and other interactive elements to make their maps informative, engaging, and accessible. Depending on the students' age, consider the integrated use of multiple applications and/or allow them to experiment with AI tools for creating

	images and/or videos inspired by the theme of illegal trafficking. How To Use Canva For BEGINNERS! [FULL Canva Tutorial 2023] **Lesson 3:** ● Finalizing the Map and Presentation to the Class: ● Conclude the work and verify the functionality of the links and inserted materials. ● Presentation: Each group presents their map, explaining the creative choices made, demonstrating the interactivity included, and connecting the work done to the protection of species threatened by illegal trafficking. **Notes:** This activity can be adapted for students of different ages, skill levels, and specific needs. It is possible to simplify the activity by focusing on a smaller number of wildlife or a specific region and using only the basic features of Canva. For older or more skilled students, you can deepen the activity by exploring the legal, ethical, and economic implications of wildlife trafficking and using advanced Canva tools, integrating them with external apps as well.
Inclusion	- The aim of the lesson and its structure are explained to the students at the beginning of the activity; - Instructions are kept simple and repeated where necessary; - Students are put into mixed ability groups; **Equitable participation is encouraged:** ● Ensure that all students have an opportunity to participate actively in the lesson; ● Monitor participation and intervene if certain students are being marginalized or excluded.

Assessments:

#1 - Map creation

	Initiating	Developing	Excelling
Description of performance	The map features a very basic design, with few interactive elements, and it may lack details on the correlation between illegal trafficking and the habitats of	The map provides details about the threatened species and underscores the importance of conservation through effective communication and	The map is comprehensive and integrates details about threatened species, illegal trafficking, and proposed solutions in a clear and engaging

	threatened local species.	appropriate use of multimedia supports.	manner, using effective, captivating, and accessible multimedia elements.
Sample student response	I used this platform to create a map on animal trafficking. I used a template suggested by the teacher. It includes several species and related issues.	This interactive map on Canva showcases local species trafficking and their threats. Using Canva, I linked illegal trafficking to specific species and proposed solutions to protect them. I utilized some sources suggested by the teacher and incorporated certain components of the app.	This map integrates data on illegal trafficking with locally threatened species. In addition to identifying the threats, I proposed direct actions to protect the species and preserve the ecosystem. I used all the tools available to me and also conducted research on external websites, which I integrated into the map.

#2 - Map presentation

	Initiating	**Developing**	**Excelling**
Description of performance	The students present their map with a basic understanding of wildlife trafficking and concepts related to biodiversity.	The students present the map demonstrating a deeper understanding of wildlife trafficking, highlighting the relationship between illegal trafficking and its impact on the species involved.	At the excellent level, students will provide an in-depth reflection, showcasing a clear and detailed understanding of the interconnections between the interactive map, illegal trafficking, and the significance of biodiversity conservation
Sample student response	The map we created is important because	Through the interactive map, we	Our interactive map goes beyond a simple

Co-funded by the European Union

	it shows some endangered animals; I think it's important to protect them.	highlighted locally threatened species and the challenges they face. This tool helps us better understand the situation and why it's important to protect habitats.	representation of threatened species. Through detailed connections, we demonstrate how illegal trafficking impacts local biodiversity, encouraging actions for its protection.

Quantitative Assessment Rubric:

Criteria	Initiating	Developing	Excelling
Description of Performance			
Map creation			
	1-3 points	4-6 points	7-10 points
	1-3 points	4-6 points	7-10 points
	1-3 points	4-6 points	7-10 points
Map presentation			
	1-3 points	4-6 points	7-10 points
	1-3 points	4-6 points	7-10 points
	1-3 points	4-6 points	7-10 points

Assessment Table: Inclusion and Diversity - Wildlife trafficking

Criteria	Check
Information offered in multiple formats	
- Variety of learning materials provided	
- Text, visual, auditory resources	
Inclusive methodologies like peer-to-peer learning	
- Opportunities for collaborative activities	
- Group discussions, peer teaching	
Use of ICT tools	
- Integration of technology in learning activities	
- Use of online platforms, interactive tools	
Overall Inclusion and Diversity	
- Integration of diverse perspectives	
- Opportunities for student engagement	
- Promotion of equitable participation	

Explanation of Criteria:

Co-funded by the European Union

- **Information offered in multiple formats:**
    - Assess whether the lesson plan provides learning materials in various formats such as text, visuals, and auditory resources to cater to diverse learning styles.

- **Inclusive methodologies like peer-to-peer learning:**
    - Evaluate if the lesson plan incorporates inclusive methodologies like peer-to-peer learning, group discussions, and collaborative activities to encourage interaction and engagement among students.

- **Use of ICT tools:**
    - Determine if the lesson plan utilizes ICT tools such as online platforms and interactive resources to enhance learning experiences and accessibility.

- **Overall Inclusion and Diversity:**
    - Summarize the overall assessment of inclusion and diversity in the lesson plan, considering the integration of diverse perspectives, opportunities for student engagement, and promotion of equitable participation.

PROJECT REFERENCE NUMBER:
2022-1-EL01-KA220-SCH-000086967

Co-funded by the European Union