

IO3 – ICE-CAP
WebQuests

WebQuest – PARADISE ISLAND
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ice-cap

THEME ALLOCATED:	Travel(Holliday) 180 minutes
LEVEL:	Advanced
TITLE OF THE WEBQUEST:	ECO TOURISM ON PARADISE ISLAND

INTRODUCTION (It involves giving background information on the topic and, often introduces key vocabulary and concepts which learners will need to understand in order to complete the tasks involved. It should present a scenario and context for playing out the tasks in the WebQuest and it should be a fun, engaging and creative so as to draw the learners in):



Environmental degradation resulting from the unsustainable development of the tourism industry can be observed at various levels. Locally noticeable is water and air pollution, soil degradation, increased waste, noise, changes in the landscape. From a broader perspective, you can also see how valuable natural areas are shrinking and diversity is disappearing. At the global level, deforestation and increased CO2 emissions are contributing to climate change.



As a member of the local community on a tropical island, you notice this acute problem of island pollution, and the disappearance of coral reef ecosystems. This is undoubtedly due to the increasingly intensive development of travel and tourism on your island. To deal with this problem, an elders' meeting is convened to take decisive steps and prevent the causes that adversely affect your island's local community and environment while maintaining tourism and the benefits for local residents.

By a joint decision you decide to prepare activities and lead local community members who will work in the field of eco-tourism.

Will a well-planned ecotourism strategy be a solution to this problem?
Do your best and act!

TASKS (explains clearly and precisely what learners have to do, it should be motivating and interesting and where possible, it should include activities that contribute to the development of skills that they will use in their daily lives. Guidance should be given on how to present findings; for example, maps, graphs, essays, wall displays and diagrams):



Soon there will be a new meeting of the island's elders to discuss plans for developing sustainable ecotourism strategy for your tropical Paradise island. Your task is to participate in a number of activities that meet the needs and responsibilities of all stakeholders and to develop a number of suggestions and recommendations for the implementation of an effective plan.

First you need to read some links to learn more about how to deal with environmental problems. Then conduct an investigation, meet new vocabulary, and look at the problem through the eyes of different stakeholders. All this will cause you and your group to develop a strategy for tourism and travel on the island.

You are asked to develop a set of presentation slides that will be used when talking at the meeting .

Make us convince others (locals as well as tourists) as to the rightness of introducing an ecotourism strategy and the fabulous tropical island will continue to be a haven for ecotourists for many years in the future.

PROCESS (set of steps and research tasks using predefined sources that are predominantly web-based usually in a clickable form. This stage has usually one or more “products” that learners are expected to present at the end. These products form the basis of the Evaluation stage.

Step 1 – What is ecotourism and sustainable travel?



For the participants of the elders' meeting, to be able to communicate effectively, you must develop common and understandable definitions of terms. Ecotourism is a new form of tourism. Before we go any further, we need to understand what ecotourism is and what good practices contribute to shaping it.

You will create groups (the teacher will indicate the number of participants). Each group will receive a topic to study and prepare a short oral presentation for the class. (Maximum 3 minutes, so you need to choose your words carefully.) The goal is to pass the definition of these terms to other class members. Get ready for questions.

What does sustainable tourism mean?

What does sustainable tourism mean?

Who are the stakeholders in tourism?

Who is responsible for sustainable tourism?

What is an example of sustainable tourism?

What are the types of sustainable tourism?

Step 2 – Conduct the analysis of problems and research the methods of developing sustainable practices in the tourist sector.

To create an ecotourism strategy development plan, you need to explore sustainability methods that are currently available, as well as new and innovative technologies that may be available to implement in near future.

Search them on the Internet in the following areas:

- pollution (water, air, soil) and waste management,
- energy demand,
- loss of biodiversity.

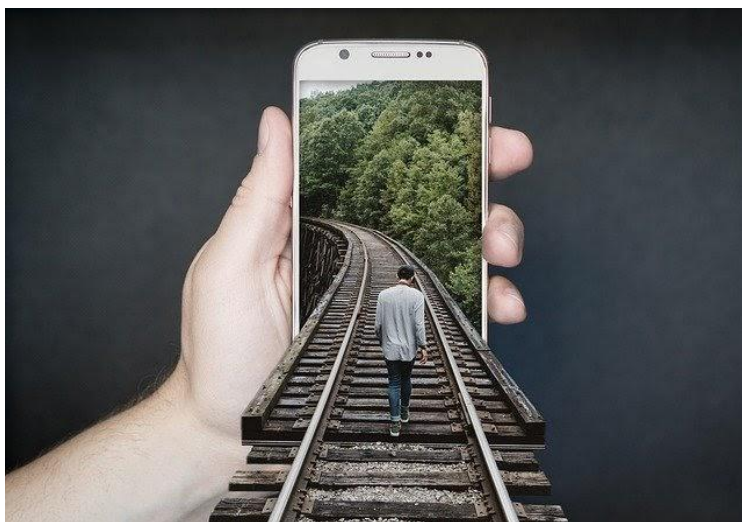
Step 3 - Prepare the list of best practices



List the best practices that you can apply in implementing sustainable development strategy. They will transform your recommendations for the sustainable development of tourism strategies. You should try to apply at least 2-3 best practices for each area.

Additional resources are listed below. You can also search for your own resources.

Step 4 - Investigate innovative eco technologies



Pay attention to what you think is the best new and innovative technology in each area of the sustainable development strategy. They will also be part of your island proposal. Examine initiatives and applications of innovative technologies oriented to maintain the sustainability and the better functioning of local territories.

Explain how they can help maintain natural resources for the long term and theretöre assure the sustainability of production.

Provide examples of the technologies that are used to decrease the costs of production of goods and services in the tourism industry.

Step 5 - Write your observations and proposed solutions as a presentation for the island's elders.



When making recommendations, remember to include best practices and innovative technology.

Step 6 - Perform evaluation of your proposal

Familiarize yourself with the evaluation page. Look through the evaluation criteria and make sure you meet all the requirements. Write a reflective essay and express your personal viewpoint about this activity. There you will find a list of questions that will help you structurize your written assignment.

RESOURCES: For each step in the process, there should also be a series of links included (3-4 per step). These links should be for videos, articles, blogs, webpages, etc. that the learners can visit to help them to complete the task. Links should be embedded in the WebQuest to sites, pages, databases, search engines and so on.):

Resources for Step 1:

You can also find more resources using your favourite internet search engine!

- Sustainable travel international - <https://sustainabletravel.org/>
- Measures taken in overcrowded touristic locations for natural preservation - <https://www.telegraph.co.uk/travel/lists/beautiful-islands-ruined-by-tourism/>
- Sustainable tourism definition and characteristics - <https://study.com/academy/lesson/sustainable-tourism-definition-characteristics-examples.html>

Resources for Step 2:

- Reef life foundation-resources on coral reef - <https://www.reeflifefoundation.org/>
- Coral reef preservation resources - <https://coral.org/>
- Smarter travel - Green travel resources: <https://www.smartertravel.com/green-travel-resources/>
- Renewable Energy - <http://www.biosphereonline.com/2018/01/09/eco-friendly-green-energy/>
- Carbon dioxide emissions reduction - <https://naturbag.com/gonezero/>

Resources for Step 3:

- Eco friendly hotels - <https://matadornetwork.com/read/can-feel-good-staying-beautiful-zero-waste-eco-friendly-hotels/>
- Sustainability management school - <https://sumas.ch/5-examples-of-sustainable-tourism-around-the-world/>
- Measures for environmental protection - <https://www.nationalgeographic.com.au/videos/protecting-paradise/protecting-paradise-5769.aspx>

Resources for Step 4:

- Best practices in tourism sector - <https://ec.europa.eu/environment/emas/pdf/other/TourismBEMP.pdf>
- Research and data on the environment for sustainability in Fiji: <https://wwf.panda.org/?335612/Digital-transformation-vital-for-sustainable-tourism>
- Technology Innovation and Applications in Sustainable Destination Development - https://shura.shu.ac.uk/9168/1/ali_-_Technology_innovation_and_applications_in_sustainable_destination_development.pdf
- Innovative trends in tourism - <https://blog.capterra.com/4-tech-innovations-to-help-you-snag-sustainable-tourism-guests/>

Resources for Step 5:

- Tips how to make an effective powerpoint presentations- <https://business.tutsplus.com/articles/37-effective-powerpoint-presentation-tips--cms-25421>

- Creating presentation with google slides - <https://www.sketchbubble.com/blog/16-time-saving-google-slides-tips-tricks/>
- Flowchart and diagrams creator- <https://app.diagrams.net/>
- Canva as a presentation design tool: <https://www.canva.com/learn/an-easy-guide-to-creating-a-presentation-in-canva/>

Resources for Step 6:

- David Coghlan -Professor Emeritus, Business & Administrative Studies - Trinity College Dublin on writing reflective essays - <https://youtu.be/7faxtlY7pQQ>
- Reflective essay writing guide - <https://www.oxbridgeessays.com/blog/complete-guide-to-writing-a-reflective-essay/>

EVALUATION (self-evaluation, comparing and contrasting of what the learners have learned, giving feedback to the trainer on how they feel, what they have learned):

On completion of this WebQuest, young adults will have achieved the following learning outcomes:

Knowledge	Skills	Attitudes
<p>Conceptual knowledge about:</p> <ul style="list-style-type: none"> ● Sustainable travel and tourism; ● Best practises in implementing ecotourism models. <p>Theoretical knowledge of:</p> <ul style="list-style-type: none"> ● Carbon offsetting (levels of carbon and greenhouse gases, carbon credit); ● Existing environmental concerns and 	<ul style="list-style-type: none"> ● Identify the major principles, dimensions and environments of ecotourism. ● Understand the nature and evolution of ecotourism and related concepts. ● Describe the key stakeholders in ecotourism, their roles, perspectives and major issues. ● Critically evaluate tourist operators and their claims regarding the implementation of ecotourism 	<ul style="list-style-type: none"> ● Awareness of the positive effects of circular tourism on the environment and society. ● Appreciation of sustainable practices in local producing. ● Increased regard for cultural heritage and job opportunities. ● Openness to seek sustainable solutions for environmental issues. ● Ability to teamwork. ● Adopt the use of ICT tools.

<p>implications for the tourism industry.</p> <ul style="list-style-type: none"> ● Factual knowledge about existing and emerging environmental technologies 	<p>principles and practices.</p> <ul style="list-style-type: none"> ● Critically examine environmental problems and solutions. 	<ul style="list-style-type: none"> ● Demonstrate competencies and communicate effectively in oral and written presentations.
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The following self-assessment uses the requirements and goals and should allow you to reflect on the extent to which you met them. As part of the assessment of this WebQuest, you will be expected to show the presentation slides to your teacher or parents.

As a self- assessment exercise for this WebQuest, you can complete a short self-reflection exercise (300-350 words).

Make your reflection on following questions will guide this self-assessment:

- How much did you know about ecotourism before we started?
- In what ways have you gotten better at understanding sustainable travel and tourism?
- What problems did you encounter while you were working on this task? How did you solve them?
- What was especially satisfying to you about either the process or the finished product?
- Have you changed any ideas you used to have about tourism?
- If you were the teacher, what comments would you make about your presentation?
- What grade would you give it? Why?

*Questions that a parent or teacher might use to start a discussion with young people about the environment and to debrief this WebQuest:

- What do you think you have learned through this challenge?
- What do your classmates particularly notice about your piece when they look at it?
- If I was to do this activity again, would I do things differently next time? What and why?
- What's the one thing that you have seen in your classmates' work or process that you would consider as a good solution?
- Are there things you learned in this WebQuest that would make you want to change your habits? If so, what are they?

- Are there lessons from this WebQuest that can be applied in your travel and touristic stay? If so, what are they?
- What do your classmates particularly notice about your presentation slides when they look at it?

CONCLUSION (provides an opportunity to summarise the experience, to encourage reflection about the process, to extend and generalise what was learned, or some combination of these. Suggest questions that a trainer might use in a whole class discussion to debrief a WebQuest):

The benefits of traveling should be mutual, for both tourists and the natural environment. In this context, one can confidently talk about the interpenetration of causes and effects. If tourists like the area and its natural values, they will likely return to this place. Therefore, it is important to make every effort to ensure that the ecological advantages of the visited area are not harmed. Ecological advantages are a considerable value for tourist movements. One follows from the other, and vice versa!

In addition, there is another positive feature on the horizon that is worth mentioning. A green, valuable natural space is a serious asset. It is worth adding that, especially in the poorer areas of the world, tourism revenues are significant means enabling local communities to earn a living.

Is it possible to maintain this balance? In the long run - what steps should be taken to preserve the cultural heritage and the environment for future generations?

If properly conducted ecological education is supported by increased regard of natural preservation, then the chance of success increases significantly.