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| **Project ID: 2021-1-CZ01-KA220-SCH-000034484**  logo  **COURSE FOR ENVIRONMENTAL EDUCATION**  *e-Modules: Teaching Learning activities and their technology enhanced material set to develop*  ***DISCLAIMER***  Obsah obrázku symbol, Písmo, logo, Grafika*Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.*  **COURSE AUTHORS**   |  |  | | --- | --- | |  | Lubomír Hájek, Petra Garay |   **COURSE SHARING LICENSE**   |  |  | | --- | --- | | Une image contenant symbole, cercle, capture d’écran, Graphique  Description générée automatiquement | You are free to:   * Share — copy and redistribute the material in any medium or format for any purpose, even commercially. * Adapt — remix, transform, and build upon the material for any purpose, even commercially. | |
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| **MODULE 2** | **CYCLICAL NATURE** |
| **PART 3** | **Sustainability of the natural resources (sustainability; responsible use)** |
| **Lesson 1** | **Literature review how natural resources are sustained** |

**SUMMARY**

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# 1. COURSE TIME, TARGET AND TOPIC

* **Age of target students:** 15+
* **Teaching time:** 1 hour
* **Disciplines:** Biology; civics, literature,
* **Title:** **Literature review how natural resources are sustained and**

# 2. COURSE OBJECTIVES

## Competences promoted in this lesson:

* Communication in foreign languages competency
* Digital competency
* Learning to learn competency
* Social and citizenship-related competencies

## Lesson objectives:

* Students learn to review literature regarding how natural resources are sustained.

# 3. LEARNING – TEACHING PROCESSES

There are 4 activities in this lesson:

1. **EXPLORE: Define your topic; Find reliable sources**
2. **ENGAGE:** **Read and take notes**
3. **EXPLAIN: Organize your review; Cite your sources properly**
4. **EVALUATE: Revise and edit**

# 4. EVALUATION

The evaluation is described in the last part of document.

# 5. DOCUMENTS

## REVIEWING LITERATURE ON HOW NATURAL RESOURCES ARE SUSTAINED

A literature review is a comprehensive summary of the research that has already been done on a specific topic. Reviewing literature on how natural resources are sustained involves finding, summarizing, and analyzing various sources to understand current knowledge on the subject.

Follow these steps to create an effective literature review:

### EXPLORE

### *Define Your Topic*

**1** **Define Your Topic**

* **Focus:** Start by defining the specific natural resource or aspect of sustainability you will review. For example, focus on water conservation, forest management, or renewable energy.
* **Narrow the scope:** Avoid being too broad. Focus on particular issues like “Sustainable water use in agriculture” rather than “Water conservation.”

**2 Find Reliable Sources**

* **Use academic databases:** Use resources like Google Scholar, JSTOR, or school library databases to find peer-reviewed articles, reports, and books.
* **Types of sources to consider:**
  + Academic journal articles
  + Government or environmental agency reports (e.g., UN, EPA)
  + Books by experts in environmental science or sustainability
* **Tip:** Make sure your sources are credible, up-to-date, and relevant to your topic.

### ENGAGE

## *Read and Take Notes*

**3. Read and Take Notes**

* **Summarize each source:** While reading, summarize the key points of each source. Focus on:
  + How the natural resource is sustained.
  + The methods or technologies mentioned.
  + Successes and challenges.
  + Key statistics or findings.
* **Identify gaps or debates:** Look for areas where researchers disagree or where more research is needed.

### EXPLAIN

### *Organize Your Review*

**4.** **4. Organize Your Review**

* **Structure the review thematically or chronologically:**
  + **Thematically:** Group sources based on key themes or topics (e.g., different methods of sustaining forests or renewable vs. non-renewable resources).
  + **Chronologically:** Discuss how research or understanding of sustainability has evolved over time.
* **Introduction:**
  + Present your research question or focus.
  + Explain the importance of reviewing the literature on this topic.
* **Body:**
  + Present and summarize each source or theme.
  + Compare and contrast findings from different sources.
  + Discuss what the research reveals about sustaining natural resources.
* **Conclusion:**
  + Summarize the main findings from the literature.
  + Identify gaps or areas that need further research.

**5. Cite Your Sources Properly**

* **Follow the correct citation format** (e.g., APA, MLA) for all sources in the literature review.
* Include in-text citations and a bibliography at the end of your review.

### EVALUATE

### *Revise and Edit*

**6. Revise and Edit**

* **Check your work:** Ensure your summaries are clear and your sources are accurately represented.
* **Review for structure:** Ensure the review flows logically and supports your understanding of how natural resources are sustained.
* **Proofread:** Check for grammar and clarity in writing.

By following these steps, you can write a literature review that shows a solid understanding of the research done on sustaining natural resources. It will provide insight into the topic and help identify what is already known and what areas need more study.

**Sources :**

<https://www.mdpi.com/2071-1050/12/3/1061>

<https://link.springer.com/article/10.1007/s11625-021-01073-z>

<https://www.mdpi.com/2199-8531/6/4/162>