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| ACTIVITY PLAN | | | | |
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| **Theme** | **Subtopic** | **Activity Title** |
| Global and Local Perspectives in Environmental Education | Environmental Policies and Regulations | Understanding and Creating Environmental Policies |

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| Introduction part (or activity overview) |
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| **Introduction part (or activity overview)** | This activity involves students in researching existing environmental policies and regulations, understanding their impact, and creating their own policy proposals to address local or global environmental issues. The activity aims to develop critical thinking, research, and policy-making skills. |
| **SETTING** | Location: Classroom for research and policy creation, online resources for research.  Educational Context: Collaborative group work. |

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| Materials Needed |
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| **Materials Needed** | Research materials (books, articles, internet access)  Policy proposal templates  Presentation tools (e.g., PowerPoint, poster boards)  Whiteboard and markers |

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| **Learning Outcomes** | * Develop an understanding of existing environmental policies and regulations. * Enhance skills in research, critical thinking, and policy-making. * Improve abilities in presenting and defending policy proposals. |  |
| **Activity Contents** | **Theoretical Part (Duration: 60 minutes)**: Begin with an introduction to environmental policies and regulations, their importance, and their impact on society and the environment.   * **Introduction to Environmental Policies and Regulations**:   + Discuss key environmental policies and regulations at the local, national, and international levels. Highlight significant agreements such as the Paris Agreement, Clean Air Act, and others.   + Explain the impact of these policies on environmental protection and the challenges in their implementation.   **Discussion Prompts**:   * What are the key elements of effective environmental policies? * How do environmental regulations impact businesses and communities? * What are the challenges in enforcing environmental policies?   **Task 1: Research and Analysis (Duration: 90 minutes)** **Objective**: To research existing environmental policies and analyze their effectiveness.  **Steps**:   1. Divide students into groups, each assigned a different policy or regulation to research. 2. Use provided materials to research the assigned policy, focusing on its objectives, implementation, and impact. 3. Analyze the effectiveness of the policy, considering factors such as environmental outcomes, economic impact, and public reception.   **Task 2: Policy Proposal Development (Duration: 120 minutes)** **Objective**: To create and present policy proposals addressing specific environmental issues.  **Steps**:   1. Each group identifies a specific environmental issue that needs to be addressed. 2. Create detailed policy proposals that include objectives, implementation strategies, and expected outcomes. 3. Develop presentations to communicate the policy proposals, using visual aids such as slides or posters. 4. Present the proposals to the class and engage in a Q&A session to defend and refine the proposals. |  |
| **Assessments** | Thoroughness of research and understanding of existing policies.  Quality and feasibility of the proposed policies.  Effectiveness and clarity of presentations.  Ability to defend proposals during the Q&A session.  Team collaboration and participation. |  |
| **Key Competences** | Research and analytical skills  Critical thinking and problem-solving  Policy-making and strategic planning  Effective communication and presentation skills  Teamwork and collaboration |  |
| **Connections with Eco STEAM** | Eco: Understanding and addressing environmental issues through policy.  Science: Using scientific data to support policy proposals.  Technology: Utilizing digital tools for research and presentations.  Engineering: Proposing technical solutions within policy frameworks.  Arts: Creatively presenting policy proposals.  Math: Analyzing data and modeling the impact of policies. |  |
| **References** | <https://www.epa.gov/clean-air-act-overview>  https://unfccc.int/process-and-meetings/the-paris-agreement |  |
| **Notes** | This activity can be extended into a longer-term project, where students follow up on the implementation and impact of their proposed policies.  Encourage students to engage with local policymakers or environmental organizations for real-world insights and feedback. |  |

**Evaluation Criteria Table for Understanding and Creating Environmental Policies**

| **Evaluation Criteria** | **Points Available** | **Comments** |
| --- | --- | --- |
| **1. Thoroughness of Research and Understanding of Existing Policies** | 20 | Assess the depth and accuracy of the research conducted on existing environmental policies. |
| **2. Quality and Feasibility of the Proposed Policies** | 20 | Evaluate the practicality, comprehensiveness, and creativity of the policy proposals developed. |
| **3. Effectiveness and Clarity of Presentations** | 20 | Rate the clarity, persuasiveness, and engagement level of the presentations given by each group. |
| **4. Ability to Defend Proposals During Q&A Session** | 20 | Assess the quality and relevance of responses during the Q&A session and the ability to defend proposals. |
| **5. Team Collaboration and Participation** | 20 | Evaluate the level of teamwork, communication, and participation among group members throughout the activity. |

**Total Points:** 100

**Sample Policy Proposal Template**

| **Section** | **Details** |
| --- | --- |
| **Policy Title** | [Enter the title of the proposed policy] |
| **Objective** | [State the main objective(s) of the policy, e.g., to reduce carbon emissions by 20% within 5 years] |
| **Background and Rationale** | [Provide a brief background on the environmental issue the policy aims to address and why it is important] |
| **Scope and Applicability** | [Define the scope of the policy and who or what it applies to, e.g., industries, municipalities, etc.] |
| **Key Provisions and Strategies** | [List the key provisions and strategies of the policy, including specific measures and actions] |
| **Implementation Plan** | [Outline the steps and timeline for implementing the policy, including responsible parties] |
| **Resources and Funding** | [Identify the resources and funding required to implement the policy, and potential sources of funding] |
| **Expected Outcomes** | [Describe the expected environmental, social, and economic outcomes of the policy] |
| **Monitoring and Evaluation** | [Explain how the policy's effectiveness will be monitored and evaluated over time] |
| **Stakeholder Engagement** | [Identify key stakeholders and how they will be engaged in the policy development and implementation process] |
| **Potential Challenges and Solutions** | [Discuss potential challenges to implementing the policy and proposed solutions to address them] |
| **Conclusion and Call to Action** | [Summarize the importance of the policy and call for support and action from stakeholders] |