Environmental Education - 2

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1. Remembering:
- Define renewable and non-renewable resources.
- Recall the characteristics of solar, wind, geothermal, tidal, OTEC, hydro, and SHP energy sources.
- Identify examples of fossil fuels and nuclear energy sources.

2. Understanding:
- Explain the differences between renewable and non-renewable resources.
- Interpret the impact of using renewable and non-renewable resources on the environment.
- Describe the process of harnessing energy from solar, wind, geothermal, tidal, OTEC, hydro, and SHP sources.

3. Applying:
- Evaluate the advantages and disadvantages of using renewable energy sources like solar and wind power.
- Analyze the potential of geothermal and tidal energy as sustainable alternatives.
- Propose solutions for integrating renewable energy sources into everyday life and reducing dependence on fossil fuels.

4. Analyzing:
- Compare and contrast the efficiency of different renewable energy technologies.
- Critically assess the environmental implications of using non-renewable resources such as fossil fuels and nuclear energy.
- Evaluate the feasibility of transitioning to a more sustainable energy mix.

5. Evaluating:
- Judge the ethical aspects of exploiting natural resources for energy production.
- Assess the long-term sustainability of renewable energy sources compared to non-renewable resources.
- Formulate opinions on the role of policies and regulations in promoting the use of renewable energy and phasing out reliance on non-renewable resources.

6. Creating:
- Design a comprehensive plan for a community to implement a mix of renewable energy sources.
- Develop innovative strategies for increasing public awareness and education about the benefits of renewable energy.
- Formulate proposals for government initiatives to support the transition towards a more sustainable energy future.