

## Environmental Education – 1

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### 1. Knowledge:

- Define the greenhouse effect and global warming and explain the relationship between the two.
- Understand the scope and key facts related to climate change, including its causes and effects.
- Identify the impacts of global climate change on the environment, ecosystems, and human societies.
- Explain the concepts of climate change adaptation and mitigation and their importance in addressing the issue.

### 2. Comprehension:

- Discuss the National Action Plan on Climate Change (NAPCC) and its objectives in addressing climate change in India.
- Explain the goals and strategies of the National Clean Air Programme (NCAP) and its significance in improving air quality and combating climate change.
- Analyze the Net Zero Commitment and its implications for global efforts to reduce greenhouse gas emissions and limit global warming.

### 3. Application:

- Evaluate local and global initiatives aimed at climate change adaptation and mitigation, including renewable energy technologies and sustainable practices.
- Propose measures to reduce carbon emissions and promote sustainable development in order to achieve the Net Zero Commitment.

### 4. Analysis:

- Assess the effectiveness of current climate policies and programs in mitigating the impacts of global climate change.
- Compare and contrast different approaches to climate change adaptation and mitigation at local, national, and international levels.
- Critically analyze the challenges and barriers to achieving the Net Zero Commitment and suggest possible solutions.

### 5. Evaluation:

- Critique the role of government policies, international agreements, and corporate initiatives in addressing climate change and promoting sustainability.
- Evaluate the potential impact of climate change on vulnerable populations, ecosystems, and economies, and propose strategies for building resilience.
- Reflect on personal actions and behaviors that can contribute to climate change adaptation and mitigation efforts, and assess their effectiveness in achieving sustainability goals.