



## Lesson 5: Climate Change and Pakistan (1.3.3 How is Pakistan responding to climate change?)

<b>Learning objective</b>	To gain knowledge and understanding of how climate change is managed through agreements and mitigation strategies
<b>Lesson objectives</b>	By the end of the lesson, learners will be able to: <ul style="list-style-type: none"> <li>Describe international and national responses to climate change</li> <li>Explain mitigation strategies used to reduce greenhouse gas emissions</li> </ul>
<b>Vocabulary</b>	<p><b>Mitigation:</b> actions taken to reduce the causes of climate change</p> <p><b>International agreements:</b> agreements between countries to work together to address climate change</p> <p><b>Afforestation/reforestation:</b> planting trees to absorb carbon dioxide</p> <p><b>Renewable energy:</b> energy from sources that do not run out, such as solar and wind</p> <p><b>Emissions:</b> release of greenhouse gases into the atmosphere</p>
<b>Previous learning</b>	Learners have studied the impacts of climate change on the environment, people, and the economy in Pakistan.

### Plan

Activities	Resources
<b>Beginning (5 mins)</b>	Climate change agreements and plans: <a href="https://unfccc.int/process-and-meetings/the-paris-agreement">https://unfccc.int/process-and-meetings/the-paris-agreement</a>
<b>Middle (50 mins)</b>	<ul style="list-style-type: none"> <li>Teacher introduces the idea of international and national responses to climate change, explaining why countries need to work together. Learners identify key ideas and note examples.</li> <li>Introduce mitigation strategies (afforestation, renewable energy, reducing emissions). Learners explore how each strategy helps reduce greenhouse gases using guided prompts such as “This helps to reduce climate change because...”.</li> <li>Learners are given brief examples (e.g. tree planting programmes, solar energy projects) and identify which mitigation strategy is being used.</li> </ul> <a href="https://www.mocc.gov.pk/SiteImage/Policy/NCCP%20Report.pdf">https://www.mocc.gov.pk/SiteImage/Policy/NCCP%20Report.pdf</a> <a href="https://mocc.gov.pk/SiteImage/Misc/files/NCAP%20(28-02-2023)%20v1.pdf">https://mocc.gov.pk/SiteImage/Misc/files/NCAP%20(28-02-2023)%20v1.pdf</a> Climate change mitigation:

	<ul style="list-style-type: none"> <li>Learners complete a structured table linking each strategy to how it reduces emissions and its potential benefits.</li> </ul>	<a href="https://thesustainableagency.com/blog/best-solutions-to-climate-change-infographic/">https://thesustainableagency.com/blog/best-solutions-to-climate-change-infographic/</a>
<b>End (5 mins)</b>	Learners complete a short task explaining one mitigation strategy and how it helps reduce climate change. Selected responses are shared and clarified.	<a href="https://iucn.org/our-work/region/asia/countries/pakistan/tbttp_greenjobs">https://iucn.org/our-work/region/asia/countries/pakistan/tbttp_greenjobs</a> <a href="https://earthday.org/solar-is-shining-bright-in-pakistan/">https://earthday.org/solar-is-shining-bright-in-pakistan/</a>

### Reflection and evaluation

#### Reflection:

#### Summary evaluation:

What two things went really well? (Consider both teaching and learning.)

- 1.
- 2.

What two things would have improved the lesson? (Consider both teaching and learning.)

- 1.
- 2.

What have I learned from this lesson about the class or individuals that will inform my next lesson?

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