

Climate Change - Bloom's taxonomy of educational objectives

| Cognitive domains | Activities |
|----------------------|---|
| Knowledge | <ul style="list-style-type: none"> Identify and label photographs of physical environments (p. 5) Rank nations according to level of carbon dioxide emissions (p. 8-9) Identify and match the country with the appropriate adaptation strategy (p. 20-21) List three facts that show the world is taking action and making progress on climate change (p. 22-23) |
| Comprehension | <ul style="list-style-type: none"> Identify the main causes of climate change, how it impacts the environment and its consequences for the poor (p. 6-7) Understand the difference between climate and weather (p. 6-7) Complete the cloze activity on effects of climate change in Nepal (p. 4-5) Suggest reasons why some countries produce more carbon emissions than other countries (p. 8-9) Complete the mind map showing how climate change impacts the poor (p. 10-11) |
| Application | <ul style="list-style-type: none"> Prepare a PowerPoint presentation showing how climate change may impact threatened habitats or species (p. 14-15) Identify five ways that your life would be different if you lived in Burundi or Ethiopia (p. 18-19) Suggest ways that people could respond to the issue of climate change (p. 22-23) Conduct an interview with people expressing different perspectives on climate change (p. 24-25) |
| Analysis | <ul style="list-style-type: none"> Brainstorm how and why human beings change the natural environment (p. 3) Analyse the purpose and selection of images and music used in visual media (p. 14-15) Research a threatened habitat or species and the UN International Year of Biodiversity (p. 14-15) Identify regions most affected by climate threats (p. 12-13) Identify the problems, responses and benefits of a forest regeneration project in Ethiopia (p. 16-17) Identify the person most likely to express particular perspectives on climate change (p. 24-25) |
| Synthesis | <ul style="list-style-type: none"> Write two verses to the song 'What a Wonderful World' (p. 3) Identify strategies that might help people to act on climate change (p. 22-23) Summarise the world's progress in responding to climate change (p. 22-23) |
| Evaluation | <ul style="list-style-type: none"> Identify the positive and negative impacts of human changes to the physical environment (p. 3) Evaluate the effectiveness of a climate change cartoon (p. 3) |

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Verbal / Linguistic

- Conduct a debate on the importance of climate change and our responsibility to take action.
- Prepare a PowerPoint presentation on the impact of climate change for a threatened habitat or species.

Logical / Mathematical

- Measure your home or school carbon footprint. Ask for copies of the last 12 months energy bills and see where you could reduce your carbon emissions and save money.
- Identify the patterns and trends in carbon dioxide emissions around the world.

Visual / Spatial

- Create a collage of images on the impact of climate change and its consequences for developing countries.
- Design a poster showing ways to mitigate and adapt to climate change.

Kinaesthetic / Body

- Prepare a TV news report on the impact of climate change on poor communities including interviews with different authorities and people impacted by the crisis – What is climate change? How does climate change impact people's lives? What is the world doing in response to climate change?
- Plant seedlings and grow a vegetable patch at home or school.

Musical / Rhythmic

- Devise a music concert to raise awareness of how climate change impacts the poor and raise money for an NGO addressing the issue.
- Find a collection of songs that mention climate and weather – e.g. 'Four Seasons in One Day'.

Interpersonal

- In a small group, brainstorm strategies to raise awareness and educate the student population about climate change. Evaluate each strategy and choose one that the group will plan and implement in the school community.
- Invite your Federal Member of Parliament to school and present information on climate change and discuss ways the Australian Government is responding.

Intrapersonal

- Reflect on the following questions and record your responses: How has your understanding of climate change been affected by this study? What have you found troubling and concerning about this study? What have you found encouraging and hopeful?

Visit worldvision.com.au/schoolresources for more worksheets and activities to support the Climate Change issue and other topics in the Get Connected series.