



## Climate Change Curriculum Younger Ages

| NAME  | DESCRIPTION  | AGES |
|---|--|------|
| <b>A Climate Change Guide for Kids - The New York Times</b> (nytimes.com) | <i>The New York Times</i> published a <b>guide for kids</b> to help students learn the basics of the climate crisis and understand what choices can lead us to a better future.<br><br>What do your students know – or think they know – about the best ways to reduce their carbon footprints? In two Student Opinion prompts, teenagers can test knowledge by taking a <b>mini-quiz about good climate choices</b> . | 5–18 |
| <b>Climate Change for Kids- National Science Foundation</b>               | <b>SkySci for Kids</b> is the Center for Science Education hub for articles, simulations, classroom activities and media for learners who are ready to know more about how the Earth works.  | 2–12 |
| <b>Little Amal</b>  | Little Amal is a 3.5 meter-tall puppet who travels the world raising awareness about the plight of refugee youth. Students will be able to understand themes of home, climate, migration, adventure and welcome for themselves and others.   | 5–16 |
| <b>National Geographic Curriculum</b>                                     | This resource from National Geographic contains curriculums and classroom activities educators can use to learn about energy use, climate change, coastal populations, coral reefs, CO2 emissions and global warming.  | 8–10 |
| <b>National Wildlife Educator Tools</b>                                   | Gather all the tools and resources you need to bring nature to the classroom – find lesson plans, webinars, funding ideas and more.  | 5–10 |
| <b>Nature Conservancy</b>   | The Nature Conservancy and its 550 scientists have created Nature Lab to help students learn the science behind how nature works for us – and how we can help preserve it.   | 3–18 |
| <b>Office of Energy Curriculum &amp; Solar Decathlon</b>                  | This curriculum focuses on teaching student learners about solar energy, new technologies, energy conservation and electricity. The resource can be used as a complement to teaching about clean energy.   | 5–18 |

**Incorporate Climate Change into your classroom. But how?**

- Make recycled art with Students Rebuild!
- As a lab activity
- Using technology
- Engage project based learning
- Create learning tools such as movies, presentations and displays to teach others in your school



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| <b>Climate Champions Curriculum</b>                              | The curriculum from UC San Diego contains information to teach students about land warming, wildfires, extreme water, oceanic warming, tree ecosystems and climate data.  | 11–18 |
| <b>Climate Change: Vital Signs of the Planet (nasa.gov)</b>      | NASA provides resources for students and educators related to global climate change, including NASA specific curriculum.  | 8–18  |
| <b>Climate Changemakers - Worlds Largest Lesson</b>              | Climate Changemakers provides short informational videos for students to find out why learning about climate change matters, and what they can do to be part of the solution.   | 12–18 |
| <b>Environmental Protection Agency Climate Change Curriculum</b> | In this resource, teachers can find a variety of materials from EPA curriculums (NASA, American Museum of Natural History, etc.) and federal resources on climate change that focus on educating middle and high school students. | 11–18 |
| <b>National Geographic Curriculum</b>                            | National Geographic provides curriculum and classroom activities to learn about energy use, climate change, coastal populations, coral reefs, CO2 emissions and global warming.   | 11–18 |
| <b>National Wildlife Federation Teach 10 Hours for Climate</b>   | The National Wildlife Federation provides resources, tools, worksheets, curriculums and activities about climate change.  | 8–18  |
| <b>Stanford Climate Change Resource</b>                          | This middle and high school curriculum helps students understand climate activity, weather, the atmosphere, and climate change debates as well as energy balance and physical systems.  | 11–18 |



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| <p>TED resources to check out:</p> <ul style="list-style-type: none"><li>• <b>Climate Worth Sharing TED-Ed</b></li><li>• <b>TED-Ed's Climate Blog</b></li><li>• <b>TED-Ed's Earth School</b></li></ul> <p>Ted Talks<br/><i>Voices of youth speaking to one another about the climate crisis.</i></p> | <p>TED has created informative lessons on climate change for students, educators and parents to understand their impact.</p> <p>Our Changing Climate is a series that helps break down the science behind climate change, our biggest obstacles to avoiding a climate disaster, and how to overcome them.</p> <p>In this resource, TED-Ed Innovative Educator and veteran environmental educator, Kim Preshoff, shares a list of climate-related TED-Ed Lessons and TED Talks to watch and discuss with students.</p> <p>This resource curates content and supporting lesson materials for students and educators, explaining the problems we need to tackle, the solutions we should explore and the exciting initiatives already making a difference for our planet.</p> <ul style="list-style-type: none"><li>• <b>Save The World By Changing The Rules</b></li><li>• <b>From One Kid to Another</b></li><li>• <b>Children as Leaders And Torchbearers for Climate Change</b></li></ul> | <p>11-18</p> |
| <p><b>World Wildlife Federation Climate Change Curriculum</b></p>  | <p>This educator resource is translated in English and Spanish to help students understand climate change and adaptation as well as wildlife vulnerability.</p>  | <p>14-18</p> |