

## Earth Week: Climate Action (global theme)

### Activities for families and caregivers

Here are a variety of suggestions for the 50th anniversary of Earth Week. Consider selecting a few that will be most engaging and age appropriate for your children and family. An idea for starting is to choose one from each category: Actions, videos, websites, and activities. These and more at <http://csencolorado.org/> Family and Caregiver Investigations.

*“The theme for Earth Day 2020 is climate action. The enormous challenge — but also the vast opportunities — of action on climate change have distinguished the issue as the most pressing topic for the 50th anniversary. Climate change represents the biggest challenge to the future of humanity and the life-support systems that make our world habitable.”* [EarthDay.org](http://earthday.org)

### Actions families can take for the Earth and our climate

- [EarthDay.org](http://earthday.org) (website) Hub for resources, actions, and more surrounding Earth Day, 2020. <https://www.earthday.org/earth-day-2020/>
- [Earth Challenge 2020: A Citizen science initiative](https://earthchallenge2020.earthday.org/). (Download app) Join millions of global citizens collecting scientific data on air quality and plastic pollution and more. <https://earthchallenge2020.earthday.org/>
- [#OutsideEveryDay](https://outsideeverydaychallenge.org/). Time outside is critical to the physical and mental well-being of our children. Make a pledge to get the children you care for #OutsideEveryDay. <https://outsideeverydaychallenge.org/>
- [Take Action Earth Day 2020](https://www.earthday.org/take-action-now/#actions) (website) List of actions and mobilization efforts for kids to participate in. <https://www.earthday.org/take-action-now/#actions>
- [10 Things Kids Can Do After the Climate Strike](https://www.momscleanairforce.org/10-things-to-do-after-strike/) (article) This article offers some ideas for how kids can help mobilize after the climate strike in Fall 2019 (these actions can be done anytime). <https://www.momscleanairforce.org/10-things-to-do-after-strike/>

### Videos to understand climate change and our Earth

- [Climate Change 101](https://thekidshouldseethis.com/post/climate-change-101-bill-nye-solutions) (video, 4:10 min) Bill Nye breaks down the problem of climate change and how kids can be a part of the solution. <https://thekidshouldseethis.com/post/climate-change-101-bill-nye-solutions>
- [Climate change \(according to a kid\)](https://www.youtube.com/watch?v=Sv7OHfpIRfU) (video, 2:11 min) This video explains climate change in simple and easy-to-understand terms. <https://www.youtube.com/watch?v=Sv7OHfpIRfU>
- [Trend and Variation](https://www.youtube.com/watch?v=e0vj-0imOLw) (Climate vs weather) (animation, 1:04 min). The difference between weather and climate is shown in an animation of a man walking a dog. <https://www.youtube.com/watch?v=e0vj-0imOLw>
- [Climate Change Adaptations](https://www.youtube.com/watch?time_continue=327&v=FO46sPwm4xk&feature=emb_logo) (animated explainer film, 5:41 min) The basics of climate change are drawn in sync with the narrator in this animated comic explainer. [https://www.youtube.com/watch?time\\_continue=327&v=FO46sPwm4xk&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=327&v=FO46sPwm4xk&feature=emb_logo)
- [Climate Change Adaptation and Mitigation](https://www.youtube.com/watch?time_continue=31&v=gDcGz1iVm6U&feature=emb_logo) (video, 11:48 min) [https://www.youtube.com/watch?time\\_continue=31&v=gDcGz1iVm6U&feature=emb\\_logo](https://www.youtube.com/watch?time_continue=31&v=gDcGz1iVm6U&feature=emb_logo)

- **Nova's Earth from Space** (video, 1:52:52 hrs and lessons) is an amazing introduction to Earth's environment.

## Spanish: Earth Day songs and activities

- **Six Earth Day Spanish activities** <https://www.speakinglatino.com/earth-day-spanish-class-activities/>
- **Fun Earth Day activities and song for Spanish teachers** <https://funforspanishteachers.com/2019/02/earth-day-song-and-activities-in-spanish/>
- **Spanish Earth Day Song Agua para la vida by Shaka y Dres Cloze, with activity.** (Video 3:22 min; activity pdf) [https://www.youtube.com/watch?v=7C\\_Uci7xoqA](https://www.youtube.com/watch?v=7C_Uci7xoqA)
- **My Earth (Spanish song)** (Video 1:37 min) <https://www.spanishplusme.com/short-spanish-song-for-earth-day>

## Interactive websites to explore climate change

- **A Student's Guide to Global Climate Change** (EPA) This website contains video, articles, and more to educate kids about climate change, its impacts, and what they can do to help. <https://archive.epa.gov/climatechange/kids/index.html>
- **Climate Kids** (NASA) A collection of fun resources and activities to teach kids about climate change. <https://climatekids.nasa.gov/>
- **Climate Change Resources** (Biomimicry Institute) Note: login required. Collection of resources to use with your kids to help them understand the issue of climate change. <https://youthchallenge.biomimicry.org/en/page/ydc-climate-change-resources-en>

## Activities to do to investigate climate change

- **Why are the temperatures changing?** (NSTA Daily Do) Takes parents and teachers through how to teach the concept of energy transfer. <https://new.nsta.org/lesson-plan/why-are-temperatures-changing>
- **How does a pandemic cause less CO2?** (NSTA Daily Do) Covers why a pandemic causes fewer CO2 emissions and how to talk about it with children. <https://new.nsta.org/lesson-plan/how-does-pandemic-cause-less-co2>
- **Soil Quest** (Captain Planet Foundation's Project Hero) This interactive, project-based learning experience guides kids to learn about how healthy soil helps draw carbon down from the atmosphere, and develop a project to increase soil health in their community. <https://herofortheplanet.org/quests/soil-health-quest/>
- **Tackling Climate Change – Together** (UN Sustainable Development Goals with Project Learning Tree) This activity sheet has kids think about how they can help achieve the UN Sustainable Development Goals in their own lives. [https://www.plt.org/wp-content/uploads/pdf/ClimateChange\\_SDG\\_EarthDay2020.pdf](https://www.plt.org/wp-content/uploads/pdf/ClimateChange_SDG_EarthDay2020.pdf)

## Resources

- **Talking to your kids about climate change** (article) National Geographic article discussing ways to approach this hard topic with your kids. <https://www.nationalgeographic.com/family/talking-to-your-kids-about-climate-change/>
- **The 7 R's of Sustainability.** (article) <https://www.aeromatico.com/the-7-rs-of-sustainability/>

