



Climate Solutions Activity Outline for Teachers

Welcome educators!

Listed below are resources to engage your students in the global effort to reduce carbon emissions! You can choose to do one or both (which we recommend) of the activities listed below. We all need to take action on climate change, and you can make a huge impact as an educator. These tools and resources were designed to help you successfully enable your students to act, address climate anxiety, and make concrete changes in your classroom without having to develop your own curriculum or materials from scratch!

- **Activity: What is Your Carbon Footprint?**

Students will create an account through your community group and estimate the current carbon footprint of their household. They will input their household's use of transportation, appliances, heating and cooling systems, red meat consumption, and waste. This activity will have students learn about the main sources of emissions, the primary categories of solutions and the many co-benefits from these solutions.

1. Watch the [Student Video](#) and [Teacher Tutorial Video](#)
2. Create your account and group for your students and review the slides and Household Profile. [Household Profile Tutorial Video](#)
3. Have students create accounts with your custom-invite link, and assign them the Household Profile to complete before the lesson by using this [Google Form](#). ****Note - make a copy of this form** to track your students' answers (click on the 3 buttons and choose Copy at the top right of the form). After making a copy, **add your Community Group link** to the form.
4. Run the curriculum with one of the slide decks below (slides contain notes for the lesson). There are two options:
 - ❖ **40-minute version**
 - [Slide Deck](#) (includes links to tutorial videos)
 - [Lesson Plan](#)
 - ❖ **60-minute version**
 - [Slide Deck](#) (includes links to tutorial videos)
 - [Lesson Plan](#)
5. Follow up on the assignment with a reflection as an exit ticket or follow up homework assignment, [sample here](#). ****Note - make a copy of this form** to track your students' answers (click on the 3 buttons and choose Copy at the top right of the form).
6. Ask students to complete the 3 actions they added to their account. Provide a timeline to complete actions, 2-3 weeks recommended. Follow up with an action reflection, [sampled here](#).

7. Optional: assign the students an "Expand Your Impact" activity, where they take what they learned to help another in the community take climate action as well, [sampled here](#).
8. Optional: expand the activity with a Climate Smart Challenge (below) with a fun competition or cooperative classroom wide challenge.

- **Activity: Climate Solutions Challenge**

This challenge will increase your students' familiarity with action items to reduce their carbon footprint. Students will have an opportunity to integrate youth-friendly action items to their lifestyles and engage in friendly competition and/or a cooperative challenge. Planning and carrying out action plans helps students diminish stressors in relation to climate change. It provides them tools they can use immediately to contribute to solutions.

1. Review the [Climate Solutions Challenge lesson plan](#)
2. Watch the [Student Video](#) and [Teacher Tutorial Video](#)
3. Create a community group where students can join.
4. If you would like to create separate teams on the platform, [watch this tutorial](#).
5. Plan your challenge with this [slide deck](#).
6. Follow up after the challenge with a reflection, [sampled here](#).
7. Optional: assign the students an "expand your impact" activity, where they take what they learned to help another in the community take climate action as well, [sampled here](#).



[Join the teacher support facebook group, "Teachers for Climate Solutions"!](#)

Learn more by contacting ClimateAction@bainbridgewa.gov.

