

PARENT TAKE-HOME GUIDE

REDUCING OUR CARBON FOOTPRINT

Overview:

Today, 'Change is Simple' joined your students' class. 'Change is Simple' is an organization that teaches students about science, sustainability, and the world around them. We visit the school multiple times each year with exciting new science topics! Our program is fun, engaging, and interactive for all students.

VOCABULARY

<i>carbon dioxide</i>	da greenhouse gas that is produced by burning fossil fuels
<i>carbon footprint</i>	the complete amount of greenhouse gasses produced by one person
<i>climate</i>	the overall weather in an area over a long period of time
<i>emission</i>	the production of gasses into the atmosphere
<i>greenhouse gases</i>	gasses that trap the sun's rays as heat in our atmosphere
<i>methane gas</i>	a powerful greenhouse gas primarily produced by the improper decay of organic waste in landfills, livestock, and other agricultural practices
<i>climate change</i>	a change in large area climate patterns largely due to increases in greenhouse gasses
<i>carbon sink</i>	natural environments such as forests and the ocean that absorb and store carbon dioxide from the atmosphere
<i>element</i>	a chemical substance that cannot be broken down any further into other substances
<i>carbon source</i>	anything that produces carbon dioxide either in the production phase or while it is in use

SUPPORT

During the carbon footprint challenge, students will turn their Change is Simple lesson into action by taking small steps to reduce their carbon footprint. As a class, students will track and tally all actions they take to reduce their carbon footprints. This challenge shows students how simple and easy changes can make a huge positive impact, and encourages students to incorporate these actions into their daily routines.



Want to learn more? Sign up for our newsletter at <https://www.changeissimple.org/support/>