



Climate Change & Action Curriculum

Lessons and activities

Step 1: Make a profile at itswourld.com to track your progress through the WOURLD Academy!



Rank: Climate Student



we plant trees when students meet learning goals!

Learning Goals:

Students will:

understand the carbon cycle and the causes behind climate change

connect human activity with climate change and climate solutions

identify parts of their lives that increase their carbon footprint

Step 2: Take the “before” Sustainability Survey

Step 3: Follow along with our suggested lessons and activities

Week One: Climate Change

Academy Lessons:



Climate & Weather



Carbon Cycle



Water Cycle

Activities:

1. Climate or Weather?
2. Drawing the Carbon Cycle

Week Two: Climate Science

Academy Lessons:



Climate Change and Impacts



Greenhouse Gases



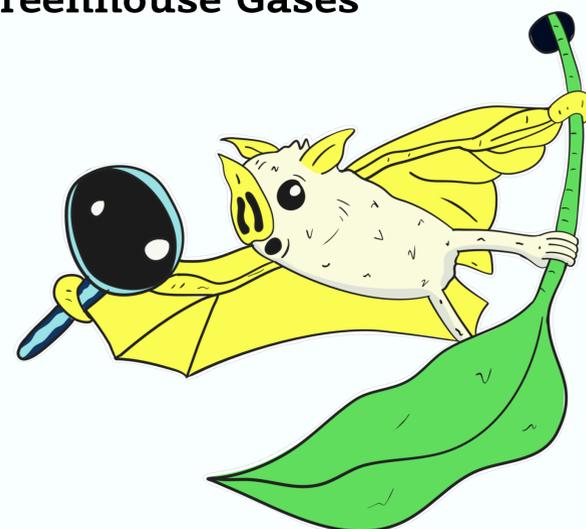
Carbon Sources



Carbon Sinks

Activities:

1. Melting Glacier Ice
2. Greenhouse Gases



Recommended Grades:

4th grade and up

Climate Change & Action Curriculum

Lessons and activities

Week Three: Sustainable Living

Learning Goals:

Academy Lessons:



Intro to Carbon Footprint



Land Use and Diet



Transportation Footprint



Water Use



Reduce, Reuse, Recycle!



Energy Use

Activities:

1. Draw your Carbon Footprint

2. Upcycled Art



Week Four: Tree Planting

Academy Lessons:



Photosynthesis



Biodiversity



Carbon Storage



Carbon Cycle: Trees edition



Deforestation



Ecosystem Services 1

Activities:

1. Planting Seed Balls

2. Ecosystem Art

3. Tree planting kit!

Step 4: Complete the “after” Sustainability Survey to receive a free tree planting kit



Scan the QR code to sign up and receive weekly climate change curriculum and activities!

