

# Global Warming Project For Class 7

Here are the top useful Global Warming Project For Class 7:

## Science Experiment & Model Building Projects

**Project Idea 1:** Use a plastic bottle cut in half to make a small greenhouse, plant seeds inside and the same seeds outside over several weeks then record which grow faster to show trapped heat speeds plant growth like Earth's atmosphere trapping heat and warming the planet.

**Project Idea 2:** Make a solar oven from a pizza box lined with foil and black paper to heat s'mores or melt cheese to show sunlight is strong and can be used instead of burning fuels that release harmful gases into the air.

**Project Idea 3:** Show the albedo effect by placing ice cubes on white paper and black paper in sunlight to prove dark surfaces absorb more heat and melt ice faster and to explain that melted ice exposes darker ocean water which soaks up even more heat.

**Project Idea 4:** Make a wind turbine with cardboard blades and a small motor at home to show how wind energy can power a bulb without burning coal or oil that creates carbon dioxide pollution.

**Project Idea 5:** Build a water cycle model in a sealed plastic bag taped to a sunny window with water and a small plant to show how higher temperatures speed evaporation and can lead to extreme weather as floods and droughts.

## Data Collection & Survey Projects

**Project Idea 6:** Track your family's electricity use for two weeks by reading the meter daily and create simple charts showing which appliances use the most power then calculate how much carbon dioxide your home makes and suggest three ways to reduce it.

**Project Idea 7:** Survey fifty classmates about daily habits like transportation, meat eaten and recycling habits then make an infographic showing your class carbon footprint and suggest simple changes that could cut emissions by half and explain results to others.

**Project Idea 8:** Record local temperature and rainfall for one month and compare your data with weather records from fifty years ago using online archives to show how your region's climate has changed over time.

## **Creative Awareness & Communication Projects**

**Project Idea 9:** Write and draw a comic book about a superhero who fights climate villains like Carbon Monoxide Man and Deforestation Dave by teaching readers about renewable energy, planting trees and cutting waste.

**Project Idea 10:** Make a stop-motion animation using clay figures or drawings that tells the story of a polar bear family losing their ice home to warming and end with clear actions kids can take to help at school.

**Project Idea 11:** Design an eye-catching poster campaign with five posters showing before and after scenes of Earth's future if we act now versus ignore global warming and display them around school to raise awareness.

**Project Idea 12:** Write three original songs or raps about climate change with catchy lyrics explaining causes like burning fossil fuels and solutions like biking instead of driving then perform them for classes.

## **Technology & Digital Projects**

**Project Idea 13:** Build a simple interactive quiz with free online tools like Google Forms that tests people's knowledge about global warming facts then share it on your school's website to teach hundreds of students about the issue.

**Project Idea 14:** Make a digital photo essay by taking pictures around your neighborhood that show climate problems like litter and car exhaust and solutions like solar panels and community gardens adding captions that explain each image's link to warming.

## **Community Action & Investigation Projects**

**Project Idea 15:** Organize a tree-planting event at your school by getting permission from the principal, collecting donations for saplings and recruiting twenty volunteers to plant trees that will absorb carbon dioxide for decades.

**Project Idea 16:** Interview five local farmers or gardeners about how changing weather has affected their crops over the years record their stories with photos and quotes and present your findings to clearly show real climate impacts in your community.

Project Idea 17: Start a school-wide "Meatless Monday" campaign by creating educational flyers explaining how meat production creates more greenhouse gases than vegetables then track how many students join each week for one month.

## **Comparison & Analysis Projects**

**Project Idea 18:** Compare the carbon footprint of different ways to travel by calculating emissions for a ten-kilometer trip by car, bus, bicycle and walking then use big charts to show that biking produces zero direct emissions.

**Project Idea 19:** Study how different countries fight climate change by researching three nations with strong renewable energy programs and three with high pollution levels then make a presentation that explains what helps some countries succeed and why others lag behind.

**Project Idea 20:** Analyze your school's waste for one week by collecting trash from one classroom, sorting it into recyclable and non-recyclable piles, weighing each category, and proposing a recycling system that could reduce your school's contribution to methane-producing landfills by seventy-five percent.