

# CLIMATE CHANGE CHALLENGES

AS PART OF THE

## TEACHING GREEN

INITIATIVE, YOUR CLASS WILL UNDERTAKE CHALLENGES TO NOT ONLY FIND OUT MORE ABOUT CLIMATE CHANGE BUT ALSO TO INFORM YOUR SURROUNDINGS ABOUT WHAT IT IS AND WHAT WE CAN DO TO HELP STOP IT. EVERY TWO WEEKS YOUR CLASS WILL BE TASKED TO TAKE ON A DIFFERENT CLIMATE CHANGE CHALLENGE ALWAYS BATTLING AGAINST A DIFFERENT IMPACT.

MAKE SURE TO DOCUMENT ALL OF YOUR PROGRESS DURING THE CHALLENGE. ONCE YOU FINISH IT, CREATE A FUN VIDEO WITH YOUR CLASS AND SHARE IT ON INSTAGRAM USING [#TEACHINGGREENCHALLENGE](https://www.instagram.com/teachinggreenchallenge) AND FOLLOW [@TEACHING.GREENPROJECT](https://www.instagram.com/teachinggreenproject) TO GET UPDATES ON THE CHALLENGES!

CLIMATE CHANGE PROBLEM	CHALLENGE	START
THE TEXTILE INDUSTRIES IMPACT ON RISING CO <sub>2</sub> LEVELS	ORGANISE A CLOTHING SWAP FOR YOUR COMMUNITY <u>OR</u> REUSE OLD CLOTHING BY TRANSFORMING IT INTO NEW PRODUCTS	JANUARY 30 <sup>TH</sup> 2023
LOSS OF BIODIVERSITY & CHANGING ECOSYSTEMS	MAKE A BIRD FEEDER/INSECT HOUSE FROM WASTE <u>OR</u> FIND, STUDY, AND INFORM ABOUT AN INTERESTING SPECIES AROUND YOU	FEBRUARY 13 <sup>TH</sup> 2023
TRANSPORTATION EMISSIONS CHANGING THE CHEMISTRY OF OCEAN WATER	USE ALTERNATIVE TRANSPORTATION AND CALCULATE YOUR CO <sub>2</sub> EMISSION CHANGE <u>OR</u> COLLECT AND ANALYSE A SAMPLE OF WATER FOCUSING ON ACIDITY	FEBRUARY 27 <sup>TH</sup> 2023
DEFORESTATIONS EFFECT ON INCREASED EXTREME WEATHER CONDITIONS	FIND A TREE THAT INTERESTS YOU AND CALCULATE HOW MUCH CO <sub>2</sub> IT HAS ABSORBED <u>OR</u> PLANT A TREE NATIVE TO YOUR SURROUNDINGS	MARCH 13 <sup>TH</sup> 2023
INADEQUATE URBAN PLANNING CAUSING URBAN HEAT ISLANDS	PLANT TREES/FLOWERS ON NON-GREEN GRASS OR GARDEN <u>OR</u> MAKE A POSTER INFORMING YOUR COMMUNITY ABOUT THE BENEFITS OF A LOCAL PARK	MARCH 27 <sup>TH</sup> 2023
LOSS OF USABLE FRESH WATER IN THE LANDSCAPE	COLLECT RAINWATER AND REUSE IT TO SAVE DRINKING WATER <u>OR</u> CHANGE SOME HABITS TO FIND OUT HOW MUCH WATER YOUR FAMILY CAN SAVE	APRIL 10 <sup>TH</sup> 2023
LARGE CO <sub>2</sub> FOOTPRINT OF FOOD DUE TO FOOD WASTE	DOCUMENT RECIPES FROM LEFTOVERS TO CREATE A FOOD SAVING COOKBOOK <u>OR</u> SUPPORT LOCAL PRODUCERS BY MAKING A MEAL OUT OF LOCAL INGREDIENTS	APRIL 24 <sup>TH</sup> 2023
HOTTER TEMPERATURES OF THE GLOBAL SURFACE	MEASURE CHANGES OF SOIL TEMPERATURES IN YOUR SURROUNDINGS <u>OR</u> COMPARE TEMPERATURES OF DIFFERENT SURFACES DURING A SUNNY DAY	MAY 8 <sup>TH</sup> 2023
INCREASED HEALTH RISKS CAUSED BY CLIMATE CHANGE	TAKE LOCAL STAKEHOLDERS FOR A THERMAL WALK AND COME UP WITH IMPROVEMENTS <u>OR</u> ORGANIZE AN OUTDOOR SPORTING EVENT PROMOTING CLIMATE ACTION	MAY 22 <sup>TH</sup> 2023

