

IT'S UP TO YOU & ME HERE & ACROSS THE SEA



Produced by the Transatlantic Outreach Program
A Public / Private Partnership

IT'S UP TO **YOU & ME** **HERE & ACROSS** THE **SEA**



Produced by the Transatlantic Outreach Program
A Public / Private Partnership

www.goethe.de/top



Federal Republic of Germany
Foreign Office



GOETHE-INSTITUT

Deutsche Bank



Robert Bosch Stiftung

These materials may be reproduced by teachers and school systems for classroom use. Please provide a complete citation of the source(s) when duplicating for other purposes. Please refer to the Works Cited List on the page 50 of this document for more information.

Editors:

Stefan Brunner, Wood Powell, Kelsey Smith, Goethe-Institut Washington

Concept by

Robert V. Jervis

Joann Farrish Prewitt

Graphics and Layout: Howard Wright, www.howdesignworks.net

Copyright 2009

Goethe-Institut Washington

Transatlantic Outreach Program

812 Seventh Street NW

Washington, DC 20001-3718

www.goethe.de/top

top@washington.goethe.org

Tel: (202) 289-1200

Fax: (202) 289-3535

TABLE OF CONTENTS:



INTRODUCTION

7

Meet Alicia, Moritz, Dr. Blume
and Dr. Davis



PART ONE

13

Understand the Causes and Effects of
Global Warming and Climate Change



PART TWO

25

Recognize Why Everyone in the World
Needs to be Concerned About the Problem
and Learn about the Kyoto Protocol



PART THREE

33

Identify What Countries All Over the
World, Like the USA and Germany, are
Doing to Help Solve These Problems



PART FOUR

45

Discover What Actions We All Can
Take at Home and at School to Help
Solve the Problem





Hey, have you seen those new, funny looking cars driving around?

They look so tiny! But aren't they cool? Ever wonder why you're starting to see more and more small cars like this? Why now?

Well, it's a long story that begins with our environment.

Something seems to be going wrong, and we need the best "brains" to help figure out what to do about global warming and climate change.

Are you up to the challenge?

But no worries. You're going to have some help! The environment is a global issue and everyone needs to be concerned about it. So, we have asked some friends to help us talk about the problem. They are as concerned as we are about the environment.

Let me introduce them to you! They're having an online chat right now and learning how they can make a difference in their communities. You never know, together we might discover some solutions and become partners in saving the environment.



Meet **Moritz**!

Moritz is a boy who lives in Munich, Germany. He is about your age. Moritz loves to play Fussball (you may know that sport by the name “soccer”) in the grassy fields near where he lives. Moritz loves the outdoors and loves to go camping and hiking in the nearby Alps.

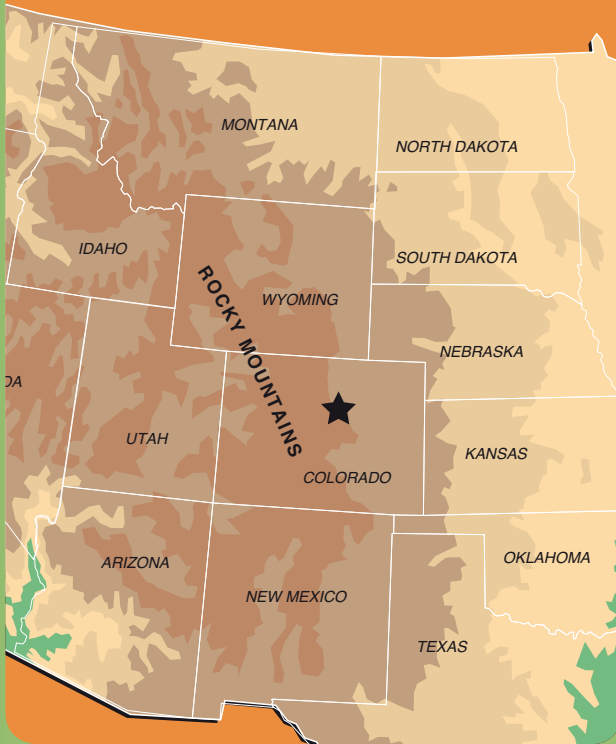
?

Do you know where Germany is? Can you locate Munich on a map of Germany? Hint: where are the tall mountains in Germany?



?

*Can you locate the U.S. state of Colorado on a map?
Can you locate the city of Denver? What geographic features do Denver and Munich have in common?*



And now let me introduce you to **Alicia**.

She is also about the same age as you and Moritz. Alicia lives in a small town near Denver, Colorado. Alicia loves her cat and volunteers to take care of her neighbor's dogs when they go out of town. She even dreams of being a veterinarian some day!





Dr. Tobias Blume. Tobias is an engineer who works for a windmill manufacturer in Germany. He designs many of the electricity-producing windmills that you see in the USA, Germany, and all over the world!

Finally, let's meet **Dr. Michelle Davis**. Michelle is an environmental science professor who teaches at the Georgia Institute of Technology in Atlanta, Georgia. When not in the laboratory, she likes to volunteer at the local Atlanta Botanical Gardens where she studies all sorts of exotic plant life.

We are all going to work together to...

- Understand the causes and effects of global warming and climate change.
- Recognize why everyone in the world needs to be concerned about the problem and learn about the Kyoto Protocol.
- Identify what countries all over the world, like the USA and Germany, are doing to help solve these problems.
- Discover what actions we all can take at home and at school to help solve the problem.

So, what are we waiting for? Let's get started!

