

Written by Rohan Bernard

Illustrated By Dari Twum-Barimah



CLIMATE KIDS  
**ADVENTURES**



Hike To  
**CAMP COOL**





## Hike To Camp Cool

Written by Rohan Bernard and Illustrations by Dari Twum-Barimah

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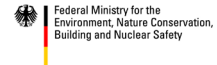
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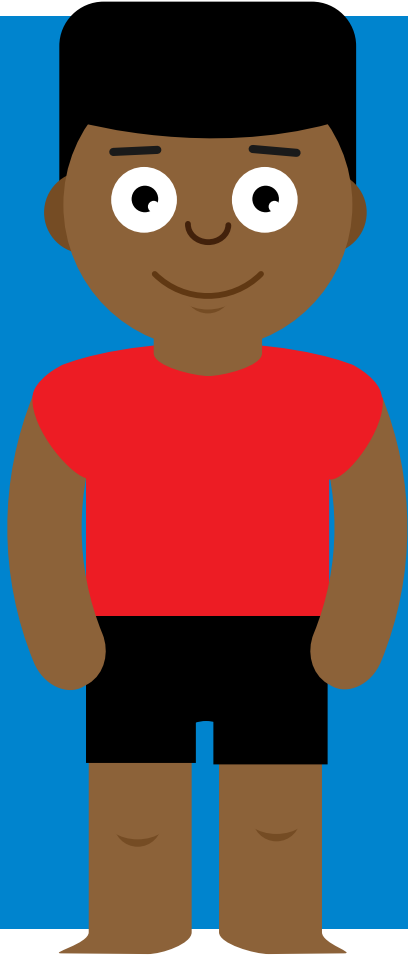
# Dedication

This book is dedicated to our little Climate Kids, Evie, Llewella, Rennie, Renee and Reuben.

We know you will make this world greener.

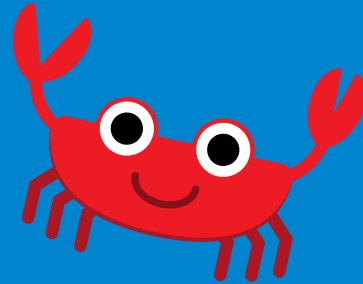
And to all the Climate Kids around the world, be cool!

# CLIMATE KIDS ADVENTURES



Climate Kid:  
Andrew Green

Pet buddy:  
Crammy the crab



What he likes to do for fun:

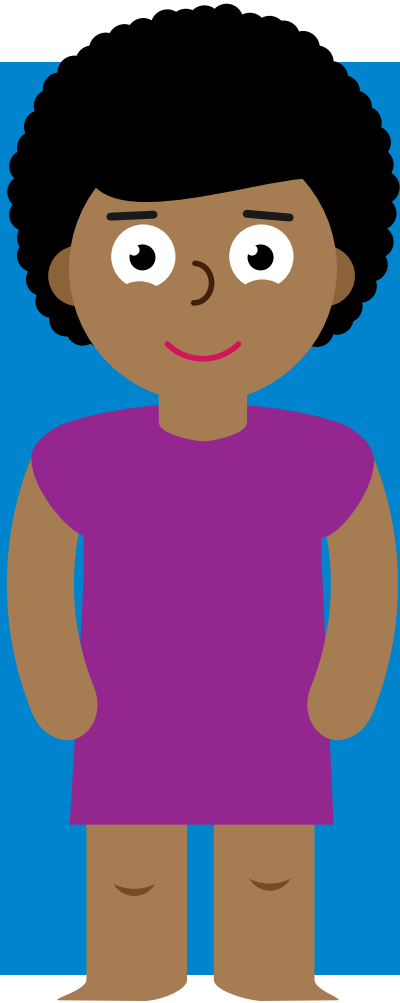
He likes sports. He loves to play cricket and basketball. He is an excellent runner and swimmer.

What he wants to be when he grows up:

Andrew wants to be an airplane pilot so he can fly around the world.

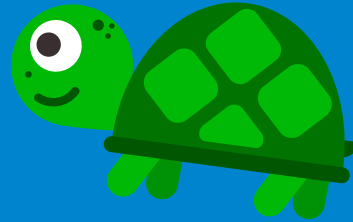


# CLIMATE KIDS ADVENTURES



Climate Kid:  
Jada Martin

Pet buddy:  
Todd the turtle



What she likes to do for fun:

Jada loves nature and would often go on walks with her mom in the rain forest.

What she wants to be when she grows up:

Jada wants to be a teacher so she can make a difference. Her favorite subject is the environment.

It wasn't an ordinary day for Andrew. Today was the day he would discover how to be cool.

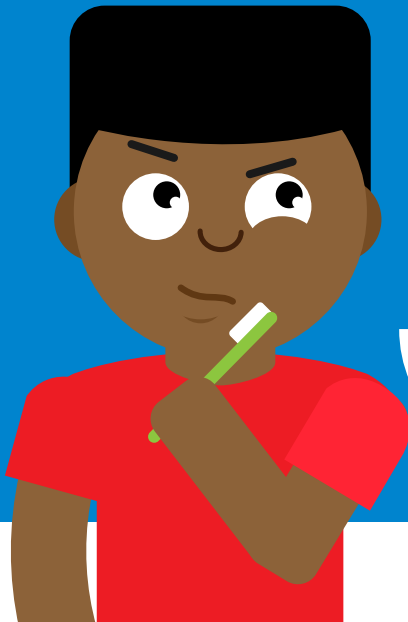
After that, he would make everything cool.



"Morning Crammy!" Andrew shouted as he jumped out of bed. He marched to the bathroom to brush his teeth.

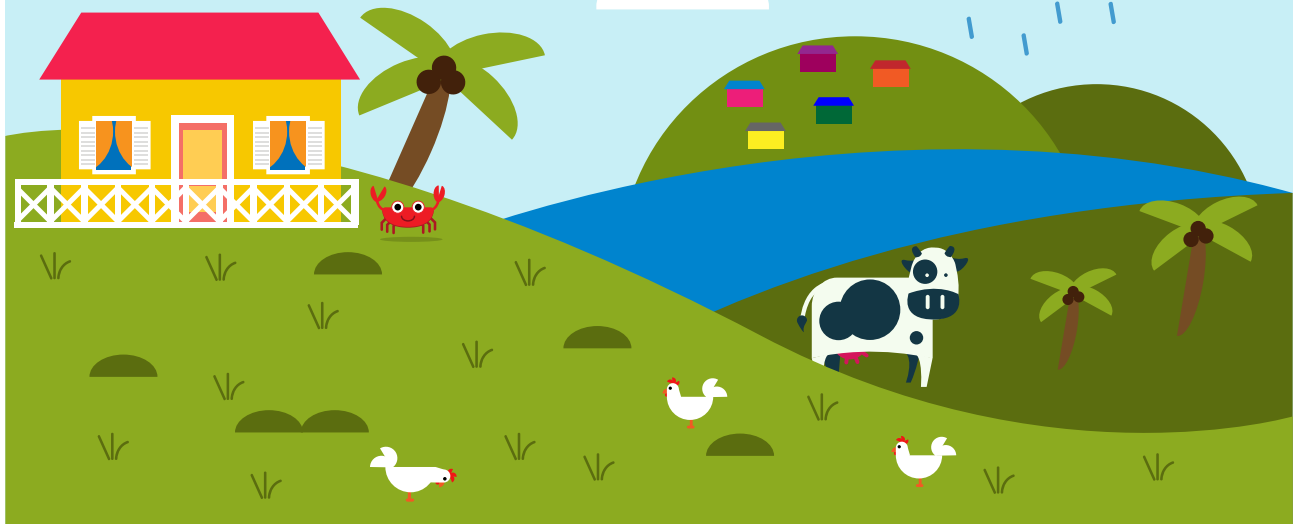
Drip, drip, drip... "Where had the water gone?" Andrew wondered if a giant polar bear had sucked all the water from the ocean and the rivers.  
"I must find out what happened to the water!" Andrew said.

He ran to his mommy, "Did a polar bear drink all the water?" he asked.



“The water we use to drink, wash our hands and brush our teeth comes from the rain. Because we haven’t had rain in two months, water comes very slowly or sometimes not at all.

Right now the water is low because of the drought,”  
mommy said.






“What’s a drought?” Andrew asked.

“A drought happens when we have little to no rain for a long time,” mommy explained.

“Think of it this way, less rain and hotter temperatures, like this heat wave, mean less water to use for everyone, including plants and animals.”



# Hot Facts

- 
- Scientist says that the earth is becoming warmer, which causes the climate to change. **The year 2016 was the warmest year ever recorded to date.**
  - **97% of scientists agree that this current change in our climate is a result of the actions of humans.**
  - **Rising amount of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases** in the atmosphere is the main cause of climate change.
  - **CO<sub>2</sub> is in the gases produced by cars,** factories, ships, and the burning of trees and forest.
  - The weather will also become more extreme as the earth heats up. **There will be stronger storms,** droughts and colder winters.
  - Grenada has had 2 very strong Hurricanes in the last 15 years.
    - **Hurricane Ivan – September 7th, 2004**
    - **Hurricane Emily – July 14th, 2005**
  - Hurricane Ivan was reported to have **destroyed 90% of Grenada's houses.**

## References:

<https://www.nasa.gov/press-release/nasa-noaa-data-show-2016-warmest-year-on-record-globally>

<https://climate.nasa.gov/scientific-consensus/>

<https://climate.nasa.gov/causes/>

<https://www.theguardian.com/environment/2004/sep/09/naturaldisasters.climatechange>

Andrew scratched his head, then grabbed Crammy and began his chores. Crammy jumped from shoulder to shoulder while Andrew fed the animals. "Mooooo!" said the cow licking Crammy on the face. "Ewwwww!" laughed Andrew. Crammy was not happy.

After he finished his chores, Andrew grabbed his Adventure Kit and dashed off ready to find out how to bring back the water!



Andrew slowed down to wave to mommy then took off with full speed.  
"Hold on Crammy, it's Kirani-speed time!" Crammy, held on tightly  
to Andrew's hand worried he might get left behind.



Andrew was damp with sweat and could hardly breathe from running so fast. Crammy looked relieved, and was clinging to Andrew's Adventure Kit.

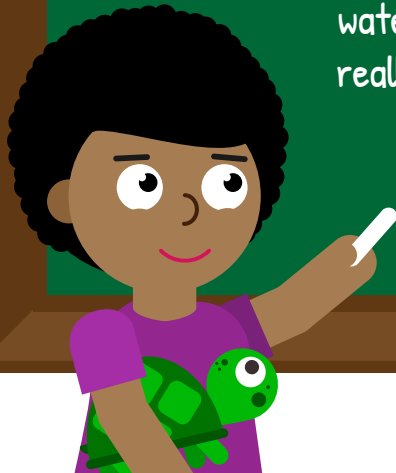
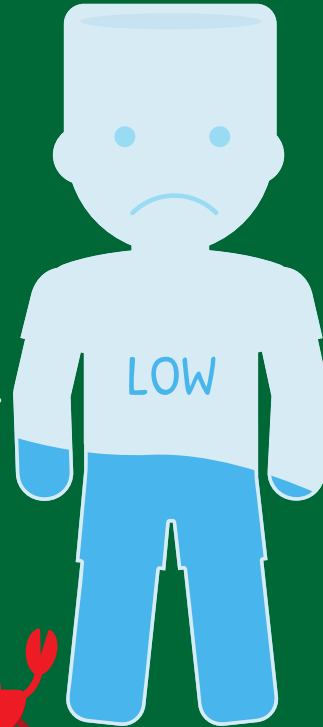
"Hey Andrew!" Jada called. "Here's a snow-ice. My mom said if you sweat too much from running and playing you can get dehydrated."



"What's dehydrated?" asked Andrew.

"Well, when we sweat a lot, we lose water and other fluids from our bodies. If we lose more fluids than we drink, we become dehydrated.

A lot of kids start to feel dizzy or lightheaded, and some even faint. So, we have to drink lots of water, especially when it's really hot." Jada explained.



# Cool Tips

You can help reduce global warming by the choices you make every day.

**A.** Turn off lights, TV, video games or computers when not in use as this waste energy. Play outside or do your homework.

**B.** Shut off the taps when you are brushing your teeth, soaping your hands in the sink, washing dishes in the sink, and when you're lathering up in the shower. Also, use less hot water when you are showering or washing dishes, as it takes a lot of energy to pump water to homes.

**C.** Bring your own bags to the supermarket. Plastics are made from oil which is the main fuel source for greenhouse gas emissions.

**D.** Don't litter or dispose of garbage on the ground.

**E.** Learn as much about climate change as possible.



"It is really hot," said Andrew.  
"We need to find a way to make it cool again."

"How do we do that?" Jada asked.

"We're going to find Camp Cool, that's how.  
Let's go!" said Andrew.





Andrew pulled out his tablet from his Adventure Kit, excited as ever.  
“I found a map to Camp Cool!”

“It says here,” Andrew said pointing at the tablet, “that we need to cross the Mingy Mangrove Land, then crawl through Wildfire Village. After that we have to climb the Dusty Dorm Hills.”



Todd, Jada's pet turtle, ducked into his shell, shaking with fear. Jada knew how Todd felt. She wondered if Camp Cool was under a cloud and whenever rain was needed, someone would poke the cloud with a giant stick.



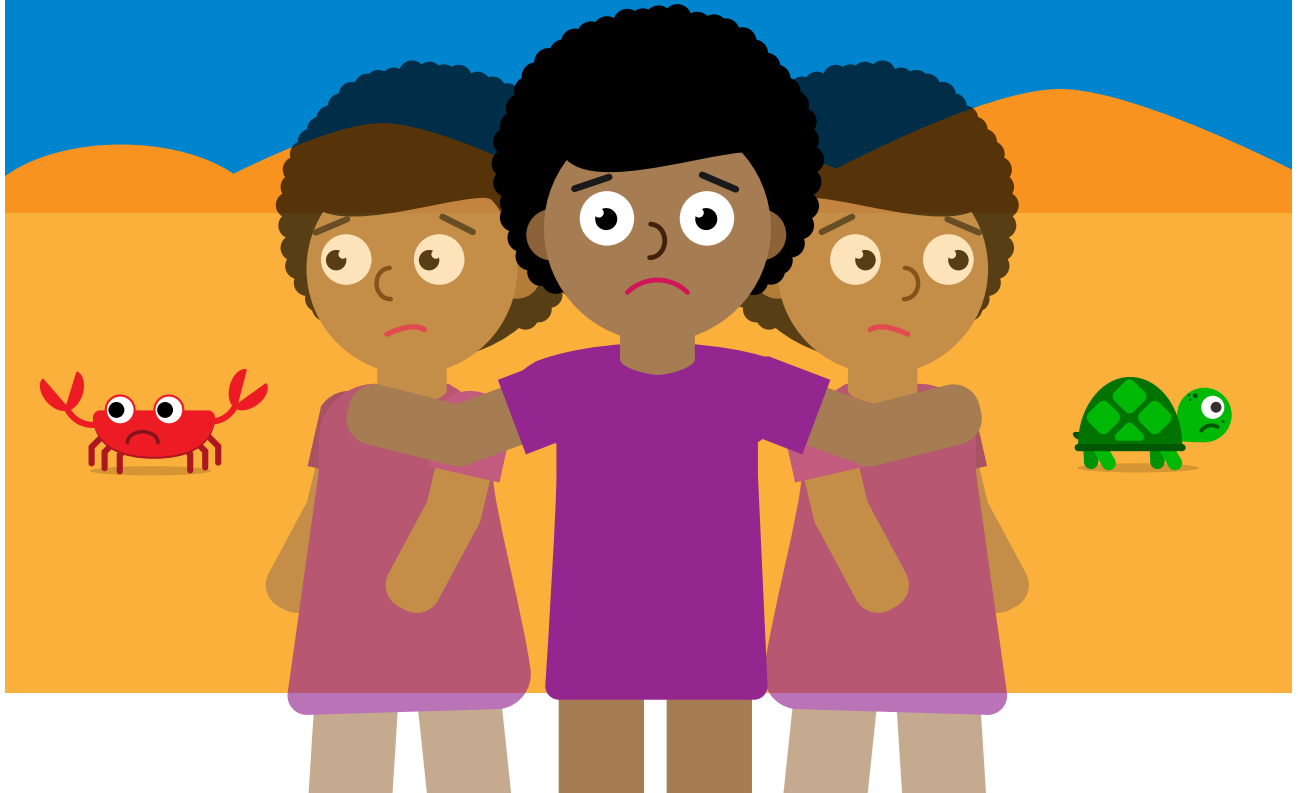
The Climate Kids grabbed their kits, made sure they had enough water and snacks then tied their shoelaces.

"Are you ready Crammy?" asked Andrew with a smile.

His adventure to find Camp Cool had just begun.



Climate Kids, Andrew and Jada, finally reached the Mingy Mangrove Land.  
"Where are all the mangrove trees?" asked Jada  
looking left and right at the same time.



Jada's dad told her that a long time ago the Mingy Mangrove Land was filled with hundreds of trees. At the center was a giant mangrove tree that looked after all the little trees and fed many of the sea and land animals in the village.



Many birds and fishes made their home at the mangrove and lived happily.

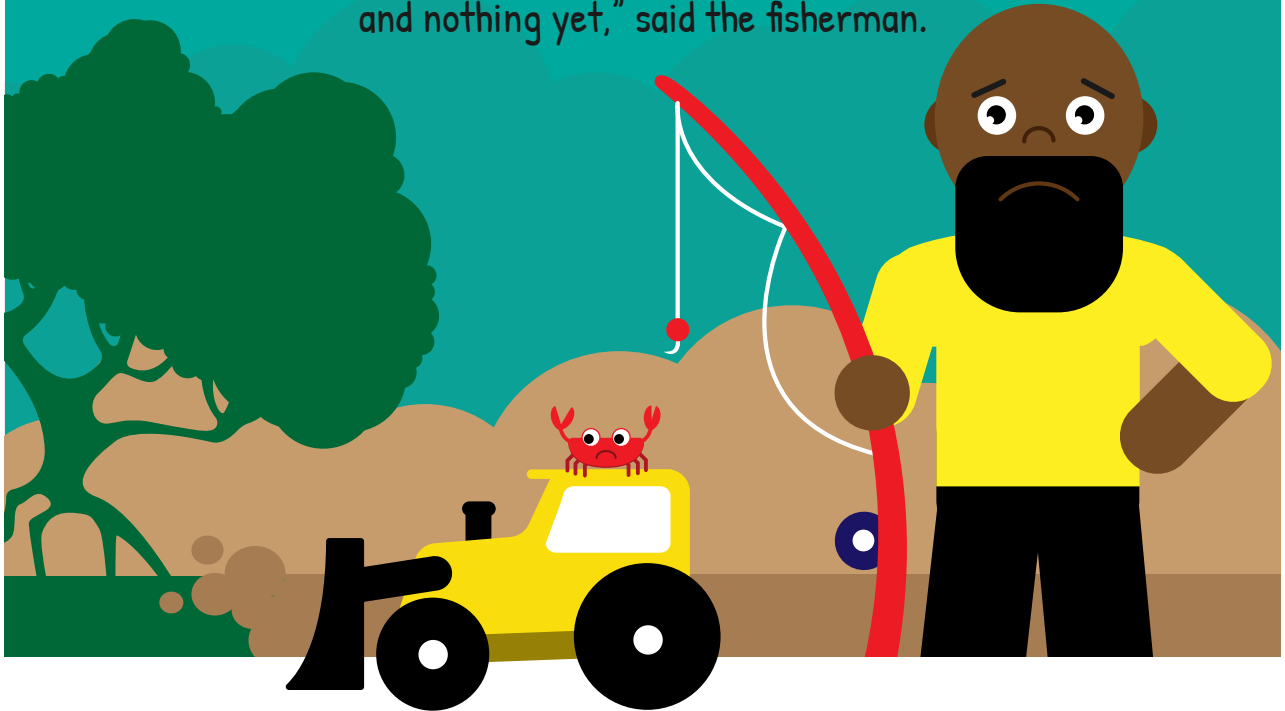
Jada looked everywhere but couldn't find the giant mangrove tree.

As they walked through the dry dusty land, they saw a fisherman with his hook overlooking the longest boat dock they had ever seen.



“Excuse me sir, where did all the trees go?” asked Jada.

“Most of the trees were cut down for building houses and boat docks. I used to catch at least a dozen fish on a day like this. I have been here for hours, and nothing yet,” said the fisherman.



Before reaching the Wildfire Village the Climate Kids needed to cross a river.  
However, the river was not a river anymore.  
The heat wave had dried that up too!

"Onwards to Wildfire Village!" shouted Andrew.





Andrew and Jada bend to their knees once they reach the Wildfire Village.  
It was customary that all who seek passage crawl through the village,  
but he didn't know why.



Andrew and Jada both heard about the myth of the Wildfire Village. The village was once filled with plants and animals. People came from all over to buy fruits and vegetables from the village market.



One year it was so hot the plants started to burn, and soon the whole village was on fire.

Every year since then, when it gets really hot the fire starts all over again.



As he crawled Andrew wondered if there was a dragon in the sky that breathes fire on the plants and trees. "Maybe that's how the fire started in the first place," he said to himself. "Ouch!" Andrew's head hit on something that felt like a tree, but were really the knees of a tall, tall man.

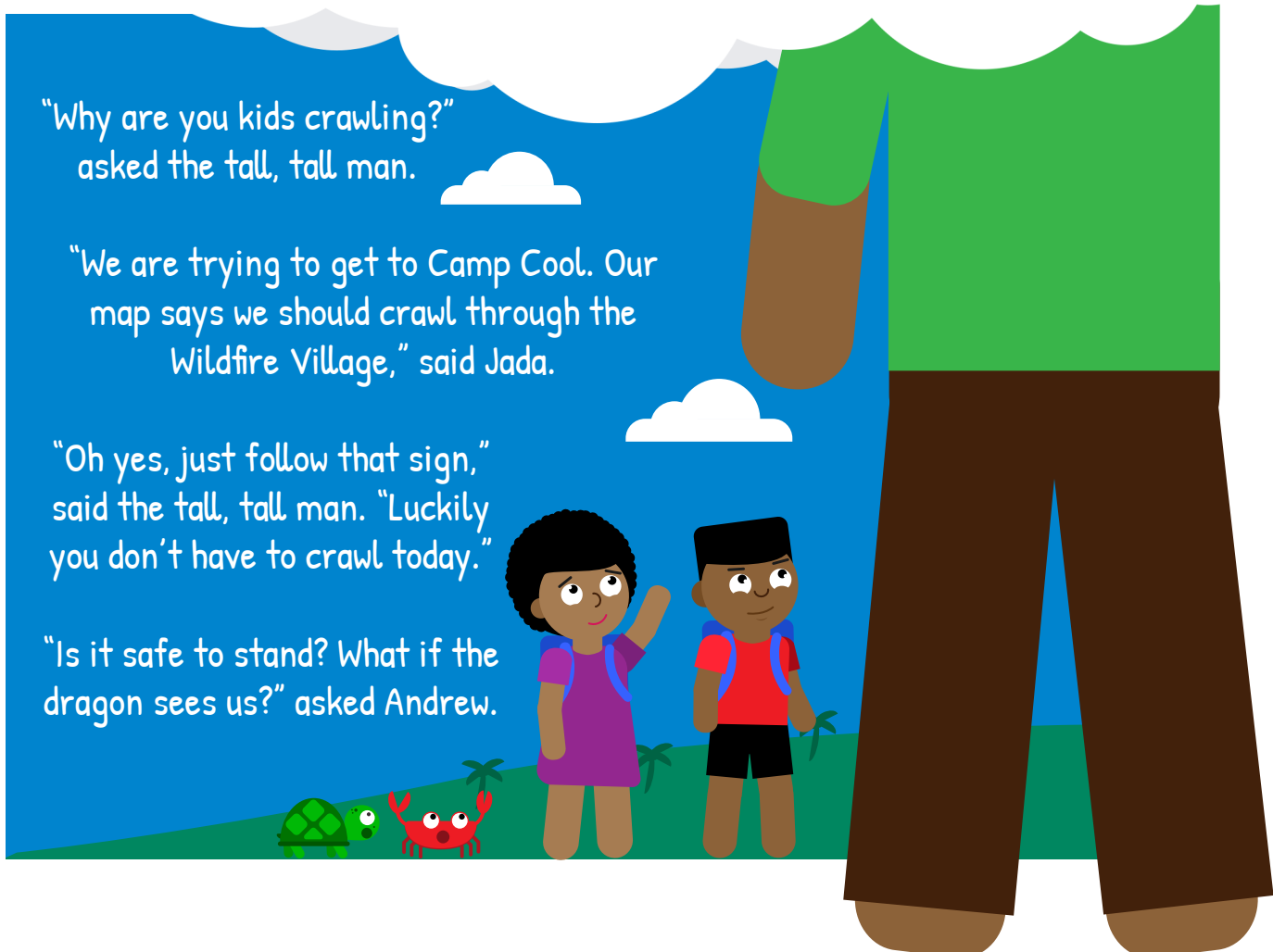


"Why are you kids crawling?"  
asked the tall, tall man.

"We are trying to get to Camp Cool. Our  
map says we should crawl through the  
Wildfire Village," said Jada.

"Oh yes, just follow that sign,"  
said the tall, tall man. "Luckily  
you don't have to crawl today."

"Is it safe to stand? What if the  
dragon sees us?" asked Andrew.





The tall, tall man laughed. "No son, there is no dragon," he said. "When the trees are heated for a long time and are without any water, they start to smoke. If they continue to be heated the tree will eventually catch fire. So, it's really the weather that is causing the fires."

Andrew was relieved. The Climate Kids jumped to their feet and rushed to the sign that pointed to the Dusty Dorm Hills. "Dusty Dorm Hills here we come!" Andrew shouted.

It was one more stop until Camp Cool, and the Climate Kids were excited as ever. The Dusty Dorm Hills were known for being windy and dusty just like a desert.



Both kids took their scarves out and tied them around their noses, also covering their mouths. This would protect them from the dust of the Dusty Dorm Hills.

Andrew and Jada climbed slowly up the hills. It was almost afternoon and the sun was hotter than it had been all day. Then suddenly Andrew spotted the greenest plant he had seen all summer.

"Why is this plant different?" he wondered.





"It's a cactus," said a woman climbing down the hill. She was carrying a huge bowl on her head with fruits and vegetables.

"How is the cactus so green, when all the other plants are dry?" Jada asked.

"The cactus needs water like all plants, but they have special abilities that allow them to store water and make it last a long time, especially in dry areas. Some cacti can go up to a whole year without any water," explained the kind woman.



Stored Water



“Are you kids going to Camp Cool?”  
“Yes, we are!” Andrew and Jada shouted excitedly.

“It’s just up ahead, have fun and watch out for the dust. Since the ground is so dry, when it cracks and becomes loose, the wind picks up the loose stones and they fly everywhere,” said the woman.

“Thank you!” the kids said, and started up the hill again.



# More Cool Tips



- F.** Plant trees.
- G.** Drive less or start a car pool, ride your bicycle, take the bus or take a nice walk.
- H.** Build “Green Homes”. A green home is a type of home designed to be environmentally friendly and sustainable. And also focuses on the efficient use of “energy, water, and building materials.”
- I.** Recycle whenever you can. Manufacturing new products requires more energy and resources than making them from used ones.
- J.** Support local farmers and market vendors in your community.
- K.** Preserve and protect coral reefs and mangroves.
- L.** Form a Climate Kid Adventure club to explore new ways of adapting to climate change.

The kids were finally at Camp Cool. There were hundreds of trees, big ones, small ones, some with fruits and some with only flowers. There were so many, you could hardly see the sun's rays bursting through the shade. At the edge of the camp there stood a giant mangrove tree resting calmly. "Where did all these trees come from?" Andrew asked to no one in particular.

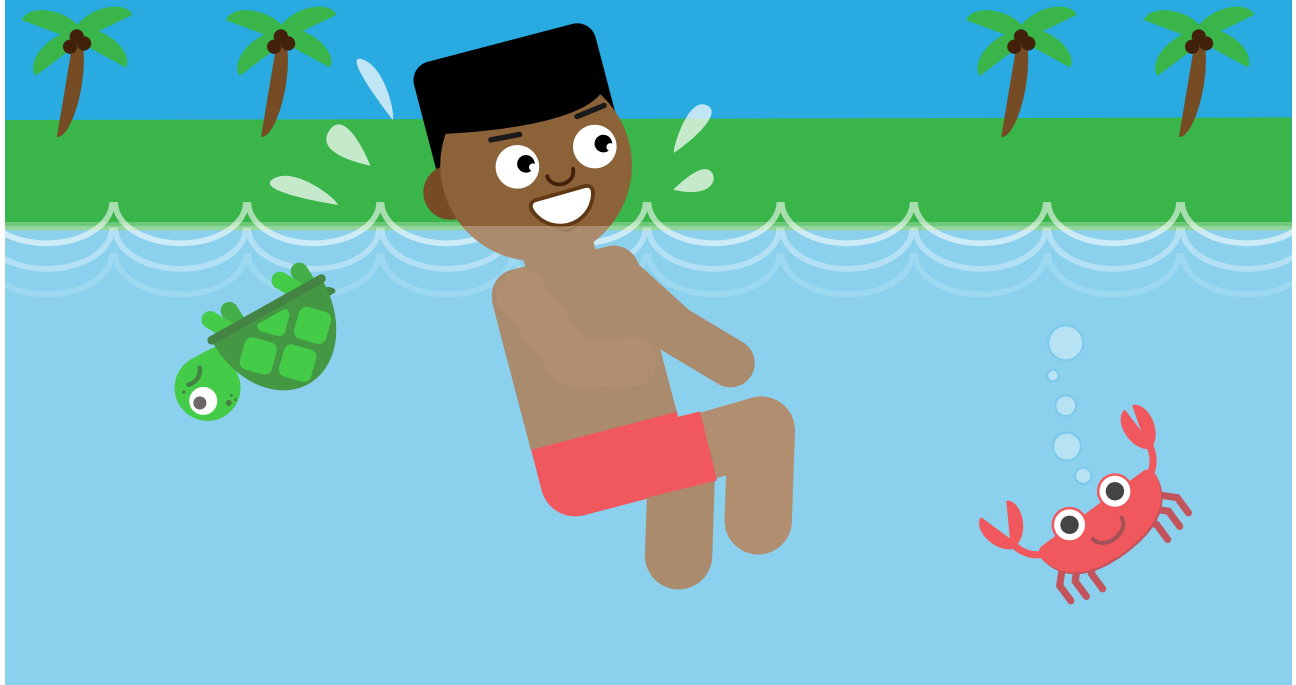


Suddenly water splashed on both Jada and Andrew. They both jumped with surprise. To their left was a huge field with small trees. The trees were being watered by an invisible hose, at least that is what Jada thought.

Andrew wondered if there were elephants beneath the ground spraying water on the plants.



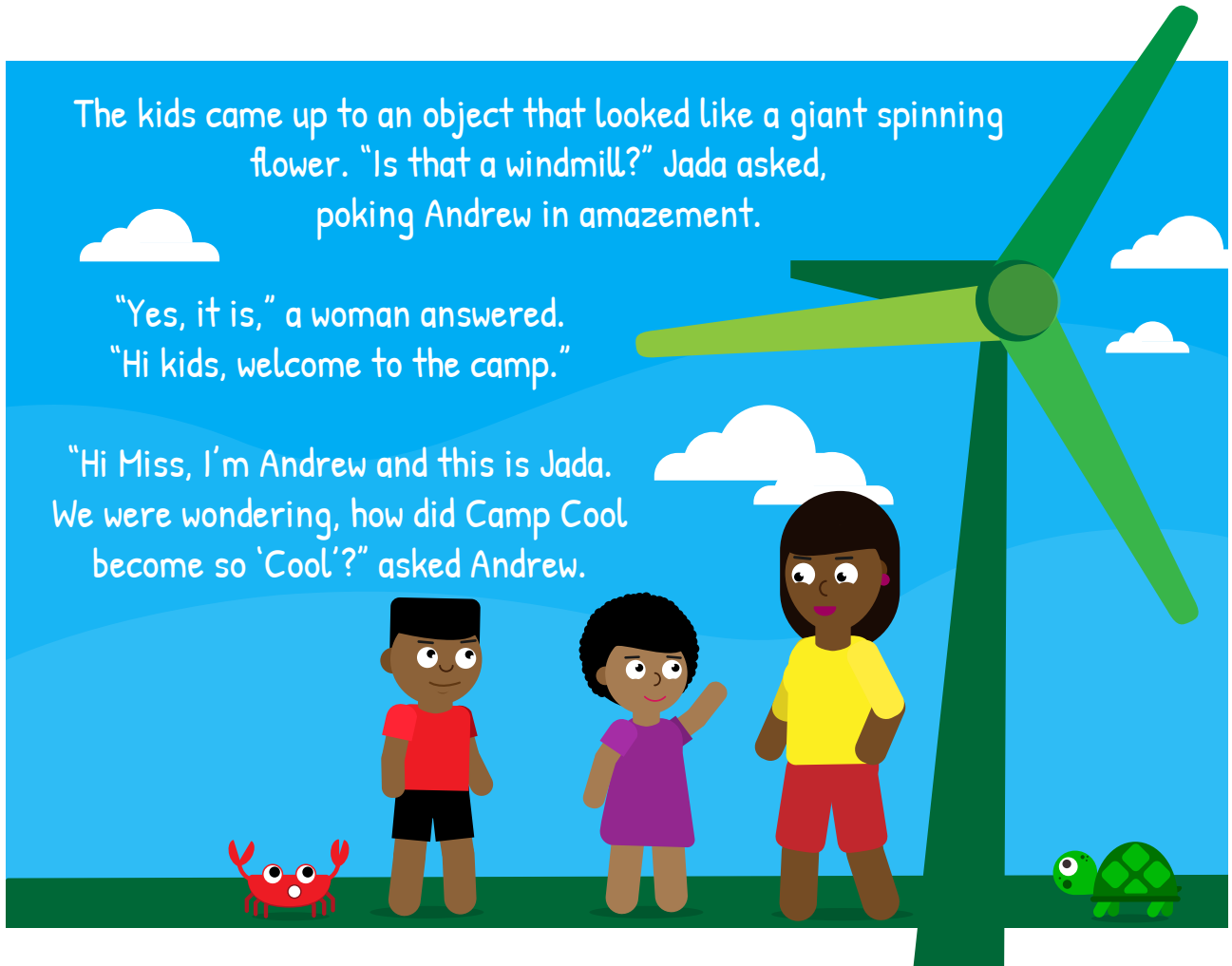
The kids ran through the camp until they reached a huge pond. Crammy jumped off Andrew and rushed to the pond where all the other visitors were. Todd tried to do the same, with much less of a rush.



The kids came up to an object that looked like a giant spinning flower. "Is that a windmill?" Jada asked, poking Andrew in amazement.

"Yes, it is," a woman answered.  
"Hi kids, welcome to the camp."

"Hi Miss, I'm Andrew and this is Jada. We were wondering, how did Camp Cool become so 'Cool'?" asked Andrew.





“Follow me kids,” the woman said smiling.

As Andrew and Jada walked the woman began her lessons.

“First you need to make sure you drink lots of liquids to keep hydrated. Don’t forget to give your pets liquids as well, animals get hot too.”



“Second, make sure you plant lots of trees. Trees are very special. They provide shade from the sun and they also sweat water vapor when they get hot, cooling the air. What’s most important, is that trees breath in gases called  $\text{CO}_2$ .  $\text{CO}_2$  contributes to making the air hot. So, less  $\text{CO}_2$ , less heat.

Some people even grow plants on their roofs, it’s called green roofs.”

“Like up there!” said Jada pointing to the building next door.



"Third make sure you water plants and trees around your house to prevent any bush fires.

Last, make sure you use water wisely. Shut off pipes tightly when brushing your teeth or soaping hands."



“Come on Todd!” “Come on Crammy!” Andrew and Jada shouted at the same time.

The Climate Kids now had the tools to be cool and wanted to share it with everybody.





# Greenz Climate Champions Toolkit

An interactive climate change toolkit for primary schools in Grenada, Carriacou and Petite Martinique. The target groups of the toolkit are educators and primary school students (grade 3-6). Participating students could be involved in community and research projects in their respective parishes.

For informaton and resources about the  
Greenz Climate Champions climate change tool kit visit:

<http://www.gov.gd/articles/grenz-champion/grenz-climate-champions.html>



Climate kids Andrew and Jada are on summer vacation. They are experiencing the hottest summer in history. A heat wave has been scorching the city for the last 2 months and doesn't seem to be going away. Andrew, with his pet crab Crammy, convince Jada and her pet turtle Todd to go on an adventure to find Camp Cool: the coolest village in the country.

Before the kids reach Camp Cool, the Climate Kids will have to travel through the Mingy Mangrove Lands, Wildfire Village and the Dusty Dorm Hills. With each place they pass through, they encounter the effects of the heat wave and observe how it has affected the area. On their way, they meet new friends who will guide them to Camp Cool.

What will the Climate Kids learn on this adventure?

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