

The Drawings
:Fernanda & Drake

Film type - stop motion animation.

Visual (setting)

Five kids are sitting around a table in a classroom coloring. Jeffery, Jeremy, Michelle, Jason, and Becky.

We draw them sitting down coloring what they want to be when they grow up. We add a voiceover while Jason says, "When I grow up I want to be a plant scientist, because I love all the plants here in San Diego!"

Then Michelle says, "Cool! I want to be a animal scientist because there is so many different animals here in San Diego!"

After that Jeffrey says, "I love San Diego too because all of our environment but It will be much more different in the future because lots of the animals and plants here are not going to be existing here."

Then Becky questions, "Why?" Jeffery starts talking, "Well the climate here in San Diego is changing."

Jason says, " Yeah it is getting much warmer.What does that have to do with animals and plants?"

Jefferey shows them his drawings, "Well you can see here greenhouse gasses from electricity, cars, and other things go into the atmosphere and makes the climate different, That is call the greenhouse effect. Here in San Diego there has been many warm years and that has led to growing insect populations like bark beetles that attack stressed trees in San Diego, Cuyamaca, Julian, and Palomar and trees have been killed. Many trees like Cupressus Bakeri, Knobcone Pine and Beach Pine. This is Bart the Bark Beetle he and his family has been eating all these trees." Points at Drawing.

Jeffrey continues, "This climate will also affect animals in San Diego Animals will not be able to live in this very high temperature because it is happen so rapidly that they will not be able to adapt to the temperature and some animals will have to migrate 95 miles or maybe extinct in the next century. Top predators like coyotes will be lost if habitat patches become too small or isolated this can lead to more rodents, snakes, lizards, etc. Here is Stephanie, she is a coyote having to move from San Diego with her babies because it is too hot." Points at drawing.

Michelle and Becky holler, "EWWWW! Lizards!!!!"

Jefferey then shows them another drawing, "See this, This is Pozo Blue a native plant to here in San Diego."

Jeremy says, "My grandma has those in her garden!"

Jeffrey continues, " Well these plants are limited geographically and adapt to narrow range of physical conditions. Pozo Blue is a drought resistant plant but the temperatures have gotten so hot these plants are not able to survive."

Jason says, " Wow, Jeffrey how can we help?"

Jeffrey takes out another drawing, There is very simple ways you can help by reducing

your carbon pollution instead of driving to school take a bike ride because it won't emit carbon emissions into the atmosphere, turn off any electronic device when not in use. Also you can get rid of bark beetles by completely cutting off the limb of the tree they're on. Another way the government can help by building greenhouses that is set to a climate the plants need."

Becky asks, "What are greenhouses?"

Jeffrey replies, "Greenhouses are sort of like gardening sheds, they maintain the perfect environment for plants without the harsh outdoor conditions, the opaque walls let light in without drying the plants out. Also neighboring countries and conservation Professionals can advance the developments of an interconnected web network of nature preserves across the variety of landscapes, But of course the nature preserves have temperature control, and the temperature control is solar powered. I care about the climate change because I believe that San Diego's environment is about the animals and plants and people are attracted to them and without them we won't have a San Diego that will be filled with nature, but I know that if we can get the word out everyone can help make a change together!"

Michelle says, "Wow Jeffrey you should be an environmental engineer to build all of these solutions."

Jeffrey,"Yeah Maybe I should"

The five kids continue to color.

The End