  

**ANSWER SHEET TO CLIMATE CHANGE QUESTIONS**

Mrs. Groman’s class, Atholton Elementary School, Grade: 3

What **PERIOD** powerpoint are you viewing? **Period 6**

|  |  |
| --- | --- |
| Question | Answer |
| 1. What is global warming? | - Global warming is a really big heat that goes around the whole earth.  - It’s when the temperature of a place causes animals to move.  -When the earth warms up  - Climate change  - it’s when green house gases escape into the atmosphere  - It is the heating of the world’s atmosphere  - our earth is getting hotter, The sun must be getting closer to is or something  - global warming is the thing that makes the earth really hot. I saw a video about what would happen if the sun died. Planets far away would survive, but plants and animals on earth would die.  - when the earth gets warm  - when something bad happens  - it is when the air changes temperature like from really cold to really hot  - when the weather changes  - warming up things  - when the whole world is warming up |
| 2. How does Global Warming effect the Arctic animals? | - A global warming effects the Arctic animals because the Arctic is cold so the animals will get very hot.  - Ice melts and polar bears drown  - melting ice  - temperatures are warming up and glaciers are melting  - It warms the ice so the ice melts so the animals don’t have a home and they have to find a new home  - the ice might melt a little and they live there  - well the Arctic animals are being affected because their body temperatures have adjusted to the arctic weather. But because of global warming, the Arctic weather is changing.  - it makes land melt  - it makes them warmer  - sometimes they die  - it melts their home  - I think it affects them by the sun pointing on the ice and it causes it to melt  - to make them warm  - it affects them by making their home melt |
| 3. What causes Global Warming? | - Oil spills and air pollution  - Green house gases  - a storm or tornado or hurricane  - weather  - sun  - how the earth and the sun rotate  - the things that make the earth hot  - heat or weather |
| 4. Why does ice melt? | - It gets hot  -Because the sun shines over it and makes the ice melt  - heat and warmth  - the temperatures in Antarctica are warming up by one degree  - it is a low temperature compared to many other objects  - because when heat is all around something cold there is more heat so whatever it is will melt  - ice melts because it is not in a cool area like a freezer  -because of the heat  - because ice is frozen and it would get warm and it would melt  - the heat of the air  - when it gets too hot the ice starts to melt and it goes on until it’s all gone  - ice melts when it is exposed to heat  - because of sun  - it melts because it gets too warm |
| 5. Global Warming is the heating of Earth's atmosphere. How will this affect Walter Penguin's home? | - It’ll melt it  - The fish they eat might be very sensitive to heat  - Not at all I think  - the ice melts, he’ll have no land and will have to move  - the temperatures in Antarctica have warmed up by one degree  - the water will get warm and the penguin will have to colder water  - it will affect his home by melting a little because heat melts ice  - it will make it warmer  I know that penguins live in the Arctic so it will probably melt his home  - it will destroy it |
| 6. How do humans have an impact on Global Warming? | - Oil spills and air pollution are all caused by humans  - Green houses  - when they’re driving, yes  - I think they are polluting  - they thought global warming was good then they found out it’s bad  - They don’t!  - the weather can hurt them sometimes |
| 7. In our story, Ralph sneezes a lot when around certain things which means he may have seasonal allergies. Who has seasonal allergies? | - What does that mean?  - nobody I know  - Ralph  - my dad  - people with Asthma I think |
| 8. What are seasonal allergies? | - Allergies you get in a certain season  -Things you can get sick with  - allergies people get form nature  - when someone is allergic to something in that season  - when different seasons pass and when one of them pass you get your allergy  - it’s when the temperature changes and things like pollen come out  - they are allergies that appear during the seasons  - when you have allergies in seasons  - allergies that are caused by seasonal weather |
| 9. Why do some animals have to leave their home? | - It gets too hot.  - Climate change  - temperatures are rising by one percent  - a storm might be coming their way  - it gets too warm  - they leave usually because their home is being attacked or they’re going south for the winter  - because it is getting too hot there and they need to be in a cold environment  - because its getting too hot or too cold  - because it might be destroyed  - to hibernate  - because it gets too hot in a cold place or too cold in a hot place  - they have to because it might be too cold or too hot  - because of their weather  - because of global warming |
| 10. What is climate change? | - When things change  - a change of temperature and weather  - when weather changes  - when the climate changes  - the change of the climate  - weather that changes  - when the hot and the cold air meet  - weather and seasons |
| 11. Why do you think climate change occurs? | - Termites are partly responsible because they are great gas-passers  - because of car exhaust  - because of the way the sun is angled  - because of how the earth rotates and it makes the temperature change  -the heat changes it  - when the hot and cold air meet |
| 12. What can you do to help slow climate change? | - drive eco friendly cars  - using eco-friendly things that and not things that cause climate change  - use less water  - nothing |
| 13. What is the first thing you think of when you hear the word desert? | - very hot sandy place  - sand, mountains  - I think of a place with sand and cactuses  - sand, cactus, wind and camels  - camels  - heat and sand, lots of sand  - a very very hot and dusty place  - a very dry place |
| 14. What is a drought? | - When there is not water or very little water  - a period with little rain  - A long period of time without water  - when the earth runs out of water  - when you run out of water  - no water in a place  - when all water is soaked into the ground |
| 15. A drought is a long period of time without water. How could a drought affect people? | - Them dying of no water  - A lot?  - not having enough to drink  - they can’t survive without drinking water  - if there wasn’t water, people wouldn’t have anything to drink so people would die  - they could get dehydrated  - it would make them very thirsty  - if you don’t have water you might die  - they would die of thirst  - by not getting a lot of water for a while is bad for you  - it affects them because there’s no water and people can die from that |
| 16. How does a drought affect animals? | - They will die  - Without water?  - not enough water  - there won’t be water if the animals are thirsty  - the animals won’t have anything to drink so they would die  - because they wouldn’t have any water  - they would have no water  - they die  - some animals need water to live  - no water for animals means no more animals  - animals will die too |