Use your iPad to complete this internet scavenger hunt on climate!

Site 1: http://www.epa.gov/climatechange/kids/basics/concepts.html

1. Who said “climate is what we expect, weather is what we get?” _________________________
2. Weather is defined as (look to the right)

3. Climate is defined as (look to the right)

I love this…. Here’s an easy way to remember the difference between weather and climate: Climate helps you decide what clothes to buy, and weather helps you decide what clothes to wear each day.

4. Climate change questions… bottom of the webpage
   a. Imagine that last summer was much hotter than usual where you live. Is this a sign of climate change? Yes or no?
   b. Imagine that almost every summer for the past decade has been hotter than usual. Is this a sign of climate change? Yes or no?

Site 2: http://www.blueplanetbiomes.org/climate.htm

5. Two of the most important factors determining an area’s climate are _________________________ and ________________________.

6. What causes Earth’s seasons?

7. The Köppen Climate Classification System is the most widely used for classifying the world’s climates. List and describe the 5 major climate types.

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8. Surf the internet using safari and find a city that lies in each climate area and add it to the chart.
9. What city that you listed would you like to visit the most? _____________________ Why?


10. The greenhouse effect is when gases in the atmosphere stop some of the heat from escaping into space. This is a natural process. The main greenhouse gases are:

* 
* 
* 
* 
* 

11. Some of the activities of humans produce greenhouse gases. Because there are more and more greenhouse gases in the atmosphere, more heat is trapped which makes the Earth warmer. This is known as ____________________________________________.

Site 4: [http://www.epa.gov/climatechange/kids/scientists/clues.html](http://www.epa.gov/climatechange/kids/scientists/clues.html)

12. Scientists use 11 items as evidence of climate change. Try to list them all.

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2. 
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11. 

![The Greenhouse Effect](https://example.com/greenhouse_effect_image.jpg)