NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ pd\_\_\_ 11/13 Score\_\_\_\_/10

VIDEO: <https://www.youtube.com/watch?v=TH8Q8Ki9fCA> TED Talk on sea level rise

What is causing the sea level rise?

1. What is the most important line on this planet? **1. Line of scrimmage 2. Coast Line**

2. What is happening to the ice glaciers around the world? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. What is the sea level doing? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. The Earth is 1.5 degrees **1. Warmer 2. Cooler**

5. During the last Ice Age, Florida was **1. Smaller 2. Larger**

6. What is happening to the streets of Florida? **1. They are sinking 2. They are flooding**

7. Does melting icebergs make the sea level rise? **1. Yes 2. No**

8. Is the ice going to keep melting no matter what people do today?  **1. Yes 2. No**

9. What does the speaker say we should be doing? **1. Moving our cities inland 2. Ignore the problem**

10. What is the good news? **1. The ocean will not rise any higher 2. There is time to adapt**

<http://www.space.com/30379-nasa-sea-level-rise-model-video.html>

**How has sea level changed in the past 23 years?**

**How Might Sea Level Rise Affect Life?**

<http://cegis.usgs.gov/video/30m/FloridaSLR.swf> Click on State Borders, Highways and Cities

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Rise in Ocean  (in Meters) | 2 | 4 | 6 | 8 | 10 |
| Population Affected |  |  |  |  |  |

**What if all the ice on Earth melted?**

<http://www.businessinsider.com/what-earth-would-look-like-if-ice-melted-world-map-animation-2015-2>

<http://ngm.nationalgeographic.com/2013/09/rising-seas/if-ice-melted-map>

What parts of the world would be greatly affected?

What parts of the world would not be affected as much?