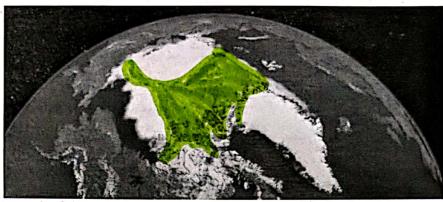
Name:	Period:
-------	---------

Climate Change

Go to: https://climate.nasa.gov/interactives/climate-time-machine Jump Code: PVRN

Click on: SEA ICE.

1. The picture below shows what Earth's ice caps looked like in 1979, watch what happens from 1979 until 2016. Then DRAW in COLOR what the ice caps look like in 2016 on top of what was seen in 1979.



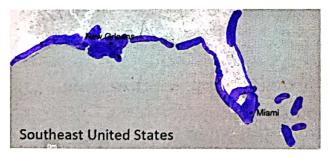
2. What's happening to the perennial ice cover? been stendily decreasing

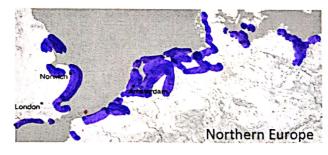
AT THE TOP → Click on: SEA LEVEL.

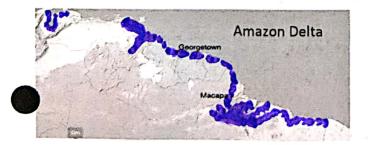


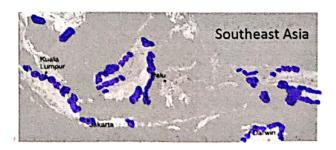
3. If the Greenland Ice sheet melted completely, it would raise the sea level by _____ meters & (______ feet)

4. The pictures below show what the coasts look like without sea levels rising. On each picture below please DRAW in COLOR what would be underwater if the sea levels rise by 6m.









Go to: https://climate.nasa.gov/evidence/ Jump Code: B9GY **CLICK ON: Evidence** 5. Scroll down a bit... What are the 9 pieces of evidence for rapid climate change? temperature rise 3. Shrinking ice Show cover CLICK ON: Effects 6. Scroll down a bit... What are the 9 future effects of global climate change? 1. Change will continue through this centures and beyond 6. humicanes will become stronger/intense 2. temos will continue to rise 5. More droughts and heat waves 7. Under U.S. Regional Effects: What will happen to the Midwest?? **CLICK ON: Questions (FAQ)** On the questions below, click on the matching blue question to reveal the answer, then write the answers in your own words. 8. What's the difference between weather & climate? Weather is on short timescales rain, snow, etc); climaters longer-term averages 9.Is the sun causing global warming?? 10. What is the greenhouse effect? arcenhouse goes trap heat close earths curt 11. What do volcanoes have to do with climate change? release by human activities 12. Which is a bigger methane source: cow belching or cow flatulence? (EXPLAIN WHY!) Cow

a du to enteric termentation