Severe Weather and Weather Forecasting

Name _____ Date _____ Period _____

You will need to read pages 434 to 443 in the red book. Then answer the following questions about severe weather.

Severe Weather Type	Characteristics	Formation Process
Thunderstorms		
Tornadoes		
Hurricanes		

What is lightning and how does it form?

What is thunder, really?

What is responsible for causing most of the damage during a hurricane?

The Ultimate Guide to Severe Weather

Directions - Answer the following questions as you observe the video.

1. What 3 things are needed to create weather
   a.
   b.
   c.
2. Explain how most hurricanes form.
3. What are the 3 weapons of a hurricane?
   a.
   b.
   c.
4. Why are thunderstorms more common in the summer months?
5. How is electricity produced in a cloud?
6. On average, how many people are killed by tornadoes in the United States a year?
7. Explain how tornadoes form.
8. How do monsoons form?
9. What is the most dangerous part of a monsoon?
10. How might global warming impact weather in the future?