

Name: \_\_\_\_\_

### Skydiving Through The Atmosphere Notes

You are about to watch Felix Baumgartner break the Guinness Book of World Records record for the highest free-fall. In 2012, Felix jumped from 128,000 feet above Earth's surface. Watch the video like a scientist and document your observations. What do you see? What do you hear?

As you watch the video, look at the sky at the different heights in the graphic organizer and record your observations. Then, answer the following questions on the back.

Altitude (feet)	Primary sky color (black, dark blue, light blue, white)	Other observations (describe the atmosphere in more detail)
127,000	Mostly black	Mostly black, dark blue line over light blue line over bright white below, curved horizon, weather balloon
110,000		
90,000		
70,000		
60,000		
50,000		
40,000		
30,000		
20,000		
10,000		
5,000		

1. Does the atmosphere appear the same all the way through? If not, what changes did you see?

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2. What did you notice about the color of the sky? Does the amount of light that reaches Earth's surface change?

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3. What else might change?

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