Climate Change: Winners and Losers

**Lesson 4 REVIEW**

*Use the list of words below to summarize the lesson on melting polar ice. You will need to use some words more than once:*

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| absorbed, Arctic Sea, coastal areas, Equator, glacier/glaciers, greenhouse effect, cooler, desert, desert belts, desertification, Dust Bowl, Equator, moisture, Northern Hemisphere, rain, rain forest, rise, Southern Hemisphere, warmer |

1) Any place on Earth that averages less than 10 inches of rain a year is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . (Page 1)

2) There are regions of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that circle the planet. One is in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the other is in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ These are regions are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (Page 1)

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air is less dense than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air, so it tends to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ up into the atmosphere. (Page 2)

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air can hold more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ air. (Page2)

5)Electromagnetic (EM) radiation from the Sun strikes the Earth most directly at the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . (Page 3)

6) When air cools in the atmosphere, it loses its ability to hold \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ condenses into water droplets and falls back to Earth as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (Page 3)

7) Much of the land along the Equator is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . (Page 3)

8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs when land suitable for farming becomes too dry to grow crows and turns into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. (Page 3)

9) In the 1930s, changing climate and inappropriate farming methods led to massive sand and dust storms in much of Kansas and Oklahoma. This region of the country was often called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . (Page 3)