

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:

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. (Page 2)
- 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 crops 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)