

GAME 2 - 07 QUESTIONS

Q: Short Answer: What process uses the sun's energy to breakdown CO₂ into oxygen and carbon based sugar?

A: Photosynthesis.

CARBON, IN THE FORM OF CO₂, DEVELOPS NATURALLY IN THE ATMOSPHERE AND IS USED BY PLANTS IN A PROCESS CALLED PHOTOSYNTHESIS. THIS CARBON-RICH SUGAR IS THE BUILDING BLOCKS FOR PLANTS, INCLUDING TREE TRUNKS, TO FLOURISH.



Pg.9 - Climate Change

Q: Multiple Choice: What country has the largest wind power sector?

- a.) U.S.A
- b.) Germany
- c.) China

A: c.) China.

CHINA HAS, BY FAR, THE WORLD'S BIGGEST WIND POWER SECTOR, ACCOUNTING FOR 31% OF THE GLOBAL TOTAL.



Pg. 21 - Energy Conservation

Q: List: Name 3 things we can do to take care of our forests.

A: Use less paper (use both sides); borrow books from the library; use recycled paper; learn about the forests near you; be fire conscious; stay on marked trails; plant native trees in your community etc. *(please see pg. 34 for more information. Other answers accepted at judges' discretion).*



Pg. 34 - Forests

Q: List: Name 3 greener vehicle options.

A: Biodiesel, hybrid, plug-in electric.



Pg. 41- Transportation and Air Quality

Q: Short Answer: What is the process where organic materials are broken down, or decomposed, by organisms called? [These organisms could be bacteria, fungi, worms, insects etc.].

A: Composting.



Pg. 53 - Waste

Q: List: What is one positive aspect to planting Boulevard Trees?

A: Help reduce the amount of rainwater reaching the creek. They also provide shade and homes for wildlife.



Pg. 61 - Water

Q: Multiple Choice: A species considered to be facing a high risk of extinction in the wild is listed as:

- a.) Vulnerable
- b.) Endangered
- c.) Critically Endangered

A: a.) Vulnerable.



Pg. 69 - Species and Spaces