

Warm - Ups

Week 24

- **Vocabulary: Monday**

Compost – A mixture that consists of decayed organic matter and is used for fertilizing land

Consumer – An organism that has to eat other organisms in order to survive

- **Which of these are produced during photosynthesis?**

- Carbon dioxide and minerals

- Carbon dioxide and sugar

- Oxygen and minerals

- Oxygen and sugar

- **What produces the most oxygen in Earth's atmosphere?**

- Plants

- Bacteria

- Protists

- Animals

- **Vocabulary: Tuesday**

- Decomposer – an organism that breaks down the cells of dead plants and animals into simpler substances

- Food chain – a chart that shows the transfer of energy from organism to organism

- **Which of these is correct about photosynthesis?**

- It converts carbon dioxide into oxygen

- It converts energy into waste

- It converts sugar into waste

- It converts light into chlorophyll

- **Which of these cycles includes photosynthesis**

- Carbon cycle

- Nitrogen cycle

- Water cycle

- Rock cycle

- **Vocabulary: Thursday**

Decomposer – an organism that breaks down the cells of dead plants and animals into simpler substances

- Food chain – a chart that shows the transfer of energy from organism to organism

- **What chemical causes photosynthesis?**

- Sugar

- Starch

- Chlorophyll

- Chloroplast

- **What is Transpiration?**

- water vapor evaporating from the stomata of plants

- water entering a plant from the roots

- another term for photosynthesis

- When chloroplasts lose their chlorophyll

Friday Quiz

- 1) What is Transpiration?
 - A) water vapor evaporating from the stomata of plants
 - B) water entering a plant from the roots
 - C) another term for photosynthesis
 - D) When chloroplasts lose their chlorophyll
- 2) What types of leaves have a greater amount of transpiration?
 - A) Thin Leaves
 - B) Oak Leaves
 - C) Broad Leaves
 - D) Pine Leaves
- 3) What would happen to a seedling that lost all of its leaves in a storm?
 - A) The roots would be damaged
 - B) It would not produce energy
 - C) It would not transpire as much
 - D) It would grow new leaves
- 4) Photosynthesis can happen everywhere except:
 - A) Leaves
 - B) Stem
 - C) Roots
 - D) All of these
- 5) What causes CO₂ and water to transform into O₂ and H₂O
 - A) Heat Energy
 - B) Water
 - C) Stomata
 - D) Light Energy