

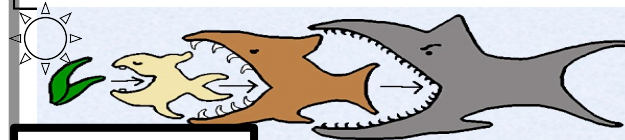
Life Cycles 1 & Interactions

Science 8 February 2018

Mrs. Plyter
plyter.com/science

Name _____

Period _____



Food Chain

21

22

23

Points:

Objective →

Calendar Back →

Online:

Energy Pyramid

Quizzes:

Tue _____

Wed _____

Thu _____

Fri _____

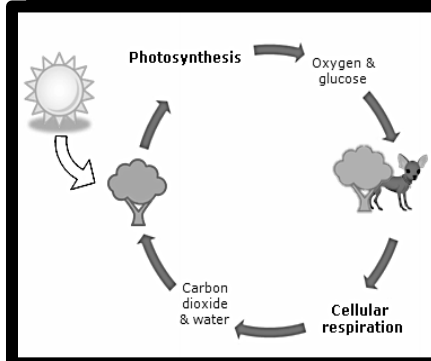
Total _____

Vocabulary:

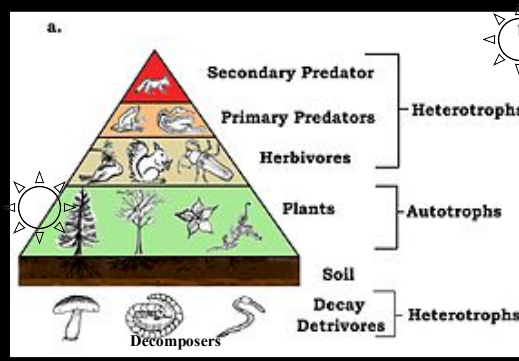
Notice & Learn the prefixes!

1. autotroph
2. carnivore
3. chlorophyll
4. consumer
5. decomposer
6. ecosystem
7. energy pyramid
8. environment
9. food chain
10. food web
11. habitat
12. herbivore
13. heterotroph
14. host
15. niche
16. omnivore
17. oxidation
18. parasite
19. photosynthesis
20. population
21. predator
22. prey
23. producer
24. symbiosis

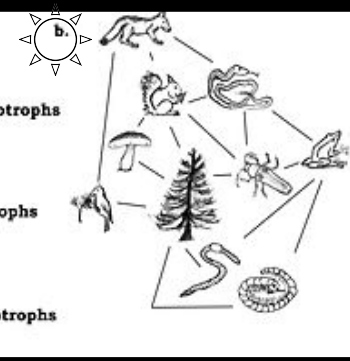
Carbon-Oxygen Cycle



Energy Pyramid



Food Web



Central Science Home Page: www.plyter.com/science

Life Science →

ALWAYS get the SCREEN CHECKED or take a "SCREEN SHOT"!! Screen shot = **Ctrl** +

- NOVA Energy Flow in Coral Reef _____ → Mr W's Food Chains Song _____
- Virtual Lab: Ecosystems, Organisms Tundra, Taiga, Desert, Lake, Rain Forest: **High Score** = _____ = _____
- Virtual Lab: Model Ecosystems: Forest _____ Desert _____ Grassland _____ Ocean Shore _____ Lake _____
- BBC Food Chains: Environment Activity _____ →

IF TIME:

- Photosynthesis & Respiration Video _____ → Mr. R's Photosynthesis Song _____
- BBC Carbon Cycle Activity _____ → KSPS Carbon Cycle _____



Write the Objective: _____

Prefixes from the Vocabulary.

Write the prefix or suffix.

Include the "-".

- 1. life _____
- 2. not _____
- 3. meat _____
- 4. plant _____
- 5. environment _____

6. different or other _____

7. self _____

8. light _____

9. reversal _____

10. together _____

11. green _____

12. oxygen _____

Suffixes:

13. feeding _____

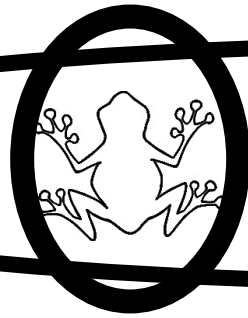
14. eating _____

15. make or put _____

together _____

Food Webs and Energy Transfer

- 1. In a **food web** or **energy pyramid**, the direction of energy transfer is shown by an _____.
- 2. The energy actually transferred to the next level is about _____ percent of the previous level.
- 3. Living things get their energy from the _____ which is converted to _____ by plants.
- 4. Plants store light energy as food and are also called _____ and _____.
- 5. Those that use others for food are _____ and/or _____.
- 6. There are three levels of **consumers** or “-vores”, _____, _____ & _____.
- 7. Each organism has its special place or n _____, which includes everything about its environment.
- 8. The 2 Basic feeding levels are **trophic** levels, the _____ that make their own food and the _____ which use food from others.
- 9. Plants change the sun’s L _____ energy into c _____ energy of food.
- 10. Plants make food for _____ (their or our) living, growth and reproduction.



OBJECTIVE:

Model an Energy Pyramid with a Food Web and the Carbon Dioxide-Oxygen Cycle to better understand how food ($C_6H_{12}O_6$) (glucose), is stored, used and passed through trophic (feeding) and energy levels and therefore explained by pyramids, webs, chains and cycles.