

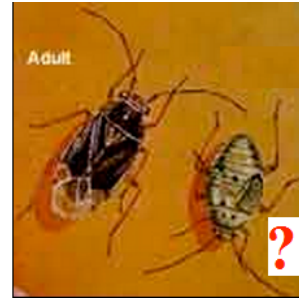
Monday:

- a. After direct vocab instruction session: circle/check own understanding in the Vocab Journals
- b. Picture Match: Materials: **1 picture board + 1 set of words per 2 students**; Routine: (a) once the picture match is completed; pairs sitting across the same tables share & explain their work using **sentence frames**—practice for whole class review and (b) whole class discussion with the teacher MODELING explanations (b/c of the soft voices the purpose of the review may be lost; modeling correct usage would also help).

Picture Match Words

Lack of space	Disease
Carrying capacity	Nymph
Humidity	Predation
Drought	Flood
Experiment	Biomass

Picture Match Board

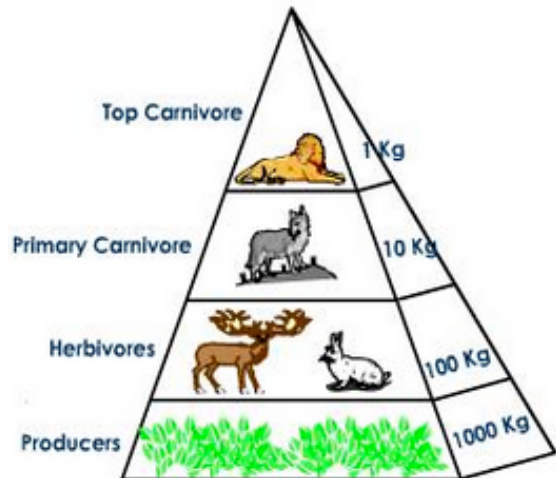


Plant Growth: Week 2

Light: Controlled Variable
Water: Independent Variable
Growth: Dependent Variable



Light Amount	Water Amount	Growth Amount
8 hours	0ml	0 in
8 hours	2 ml	2 in
8 hours	5 ml	3 in
8 hours	7 ml	6 in



Tuesday:

a. **Charades**

Option 1: Teacher calls the words, kids standing next to their desks show what the word means with their hands, motions, body language.

Option 2: Teacher give a word to each table, the table creates the charade, the class guesses

Materials for Option 2: 1 cut-out word per table

Carrying capacity	Disease
Biomass	Nymph
Humidity	Predation
Drought	Flood
Experiment	Lack of space

b. **Spelling Pyramid**

Materials for spelling pyramid: 1 hand out per child (next page)

Spelling Pyramid

Biomass B Bi Bio Biom Bioma Biomass Biomass	Disease
Predation	Humidity
Carrying capacity	Experiment
Drought	Nymph

Write 2 sentences using the words from the spelling pyramid:

1. _____

2. _____

Card Game

<p>carrying capacity: the biggest population that an environment can support</p>	<p>experiment: a scientific test (you perform some actions and observe their effects to learn about something)</p>
<p>nymph: a young insect; it has almost the same form as the adult</p>	<p>biomass: the total organic (biotic) matter in an ecosystem</p>
<p>humidity the amount of moisture (water vapor) in the air</p>	<p>predation: the act of killing and eating other animals (preying)</p>
<p>drought: a long period of time during which there is very little or no rain</p>	<p>flood: water covering usually dry land</p>
<p>disease: not feeling well; an illness that affects a person, animal, or plant</p>	<p>lack of space: limited area available for use</p>

Thursday

- c. Round 1: “Jeopardy” (Materials: the Wednesday set for the host)
 - i. The class splits into two teams + 1 person is the game host
 - ii. 1 person from each team stands approaches the host’s table.
 - iii. The host reads a word, the first person who “pushes a button” gets to provide the word definition.
The correct definition gets the team a point.
 - iv. The game continues until all words have been used.
- d. Round 2: Each team gets a set of 4 key vocab words and blank sentence strip. The teams are asked to develop sentences using the key words. Each scientifically (1pt) + grammatically correct (1pt) sentence gets the team 2 points.

Friday

- e. Check the spelling pyramid & sentences
- f. Quiz
- g. **Scare own understanding (using the Vocab Journal on a scale of 1-4)**

Answer Key

#	Sentence	Letter	Correct
1.	A river in <u>flood</u> has so much water in it that it may flow over and cover the land	E	
2.	In spring, when the insect <u>biomass</u> increases, birds begin to breed (= lay eggs).	A	
3.	The number of animals that an environment can support with enough food, space, and water is called <u>carrying capacity</u> .	B	
4.	The <u>nymph</u> looks like a smaller version of the adult insect.	G	
5.	This summer was too hot and dry. The plants in the garden did not survive the <u>drought</u> .	C	
6.	To learn about limiting factors we did an <u>experiment</u> with milkweed bugs.	D	
7.	When lions kill and eat small animals it is an example of <u>predation</u> .	H	
8.	When there is too much water vapor in the air, we say there is high <u>humidity</u> .	F	

Name _____

Date _____

Using the Word Bank, choose the best word (or phrase) that matches each sentence. Write the word on the line and put the corresponding letter in the space provided.

A. biomass	E. flood
B. carrying capacity	F. humidity
C. drought	G. nymph
D. experiment	H. predation

#	Sentence	Letter	Correct
1	A river in _____ has so much water that it may flow over and cover the land.		
2	In spring, when the insect _____ increases, birds begin to breed (= lay eggs).		
3	The number of animals that an environment can support with enough food, space, and water is called _____.		
4	The _____ looks like a smaller version of the adult insect.		
5	This summer was to hot and dry. The plants in the garden did not survive the _____.		
6	To learn about limiting factors we did an _____ with milkweed bugs.		
7	When lions kill and eat small animals it is an example of _____.		
8	When there is too much water vapor in the air, we say there is high _____.		
Total correct			___/8