

03/21

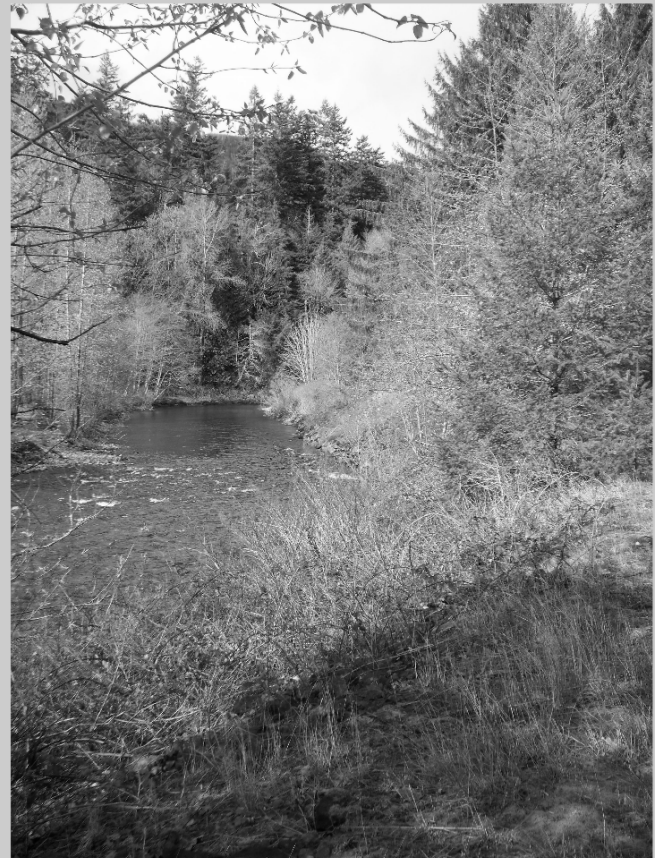
Producers

#3

Agenda

- Producers
- Primary consumers
- Vocab Review
- New food web

1. What is the definition of a producer?
2. List the producers in this ecosystem.



Learning I can discuss the role of producers in the ecosystem.

Target:

03/21

Producers

#3

A producer is an organism that can make its own food.

Producers use a source of energy to turn simple raw materials into food



Learning Target: I can discuss the role of producers in the ecosystem..

Target:

03/21 Producers

#3

Consumers are organisms that feed directly or indirectly on producers

Primary Consumers feed ONLY on plants (herbivores)

Other consumers feed on plants or animals or both (omnivores)



Learning I can discuss the role of producers in the ecosystem.

Target:

A Abiotic

B Biotic

C Community

D Population

E Ecosystem

F Individual

1. One single organism.

2. Living organisms and products of organisms.

3. All the interacting populations in a specified area.

4. A system of interacting organisms and nonliving factors in a specified area.

5. All the individuals of one kind (one species) in a specified area

6. Nonliving chemical and physical factors in an ecosystem.



Quiz Friday

03/21 Producers

#3

The organisms that make their own food are called.....

- A Predators
- B Consumers
- C producers
- D primary consumers



Learning I can discuss the role of producers in the ecosystem.

Target:

03/21 Producers

#3

The organisms that only eat plants are called.....

- A Predators
- B Producers
- C Primary consumers
- D Comsumers



Learning I can discuss the role of producers in the ecosystem.

Target:

03/21 Producers

#3

Florida Everglades

Pay particular attention to the producers!

Biotic	Abiotic



Make a T chart and record as you watch about the Everglades Ecosystem



Learning Target: I can discuss the role of producers in the ecosystem.

03/21 Producers

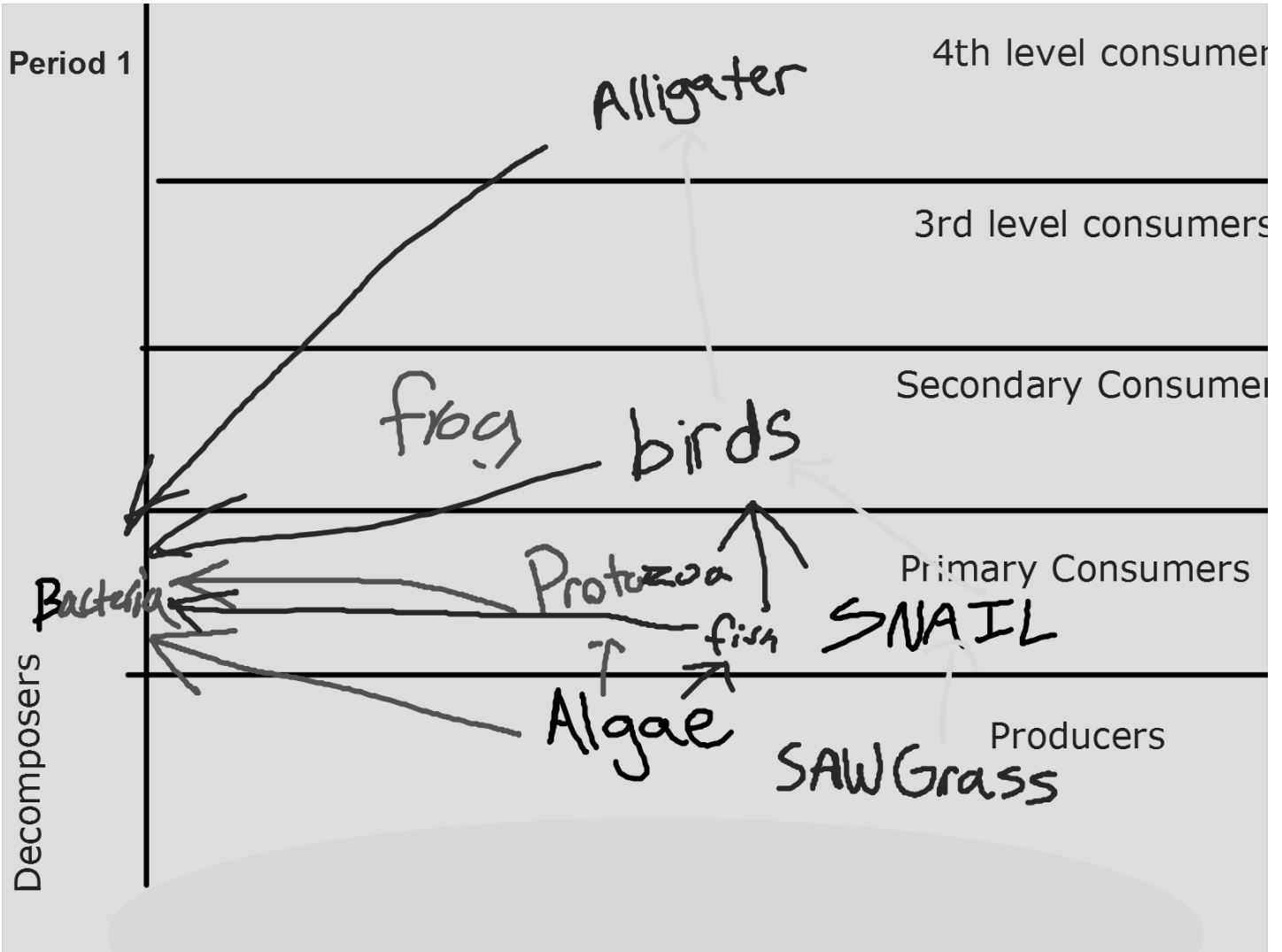
#3

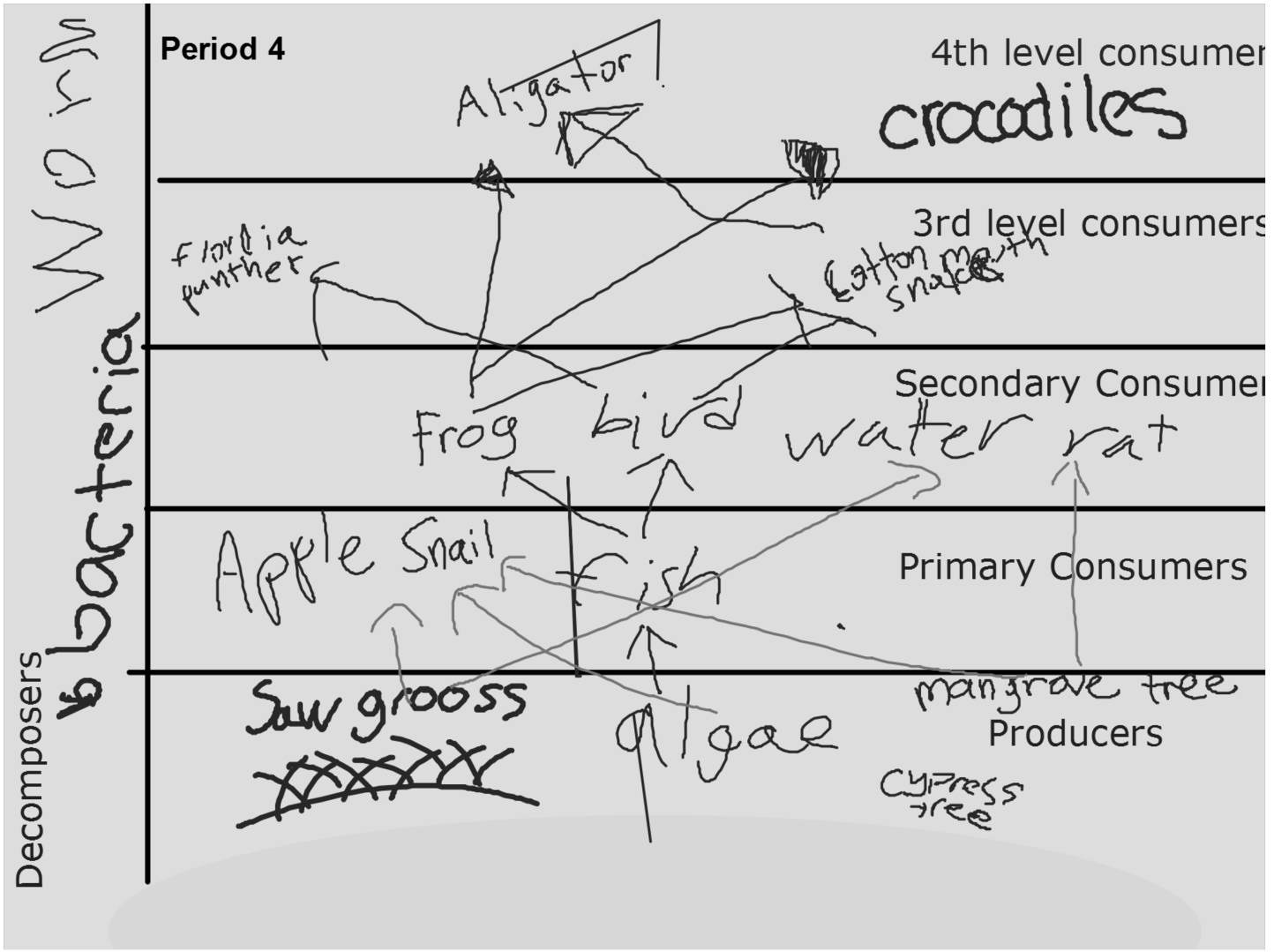
Lets create a food web starting with the producers



Learning I can discuss the role of producers in the ecosystem.

Target:





Period 3

4th level consumer

Crocodile alligator

3rd level consumers

Florida panther more birds

(Attainment State)

Secondary Consumer

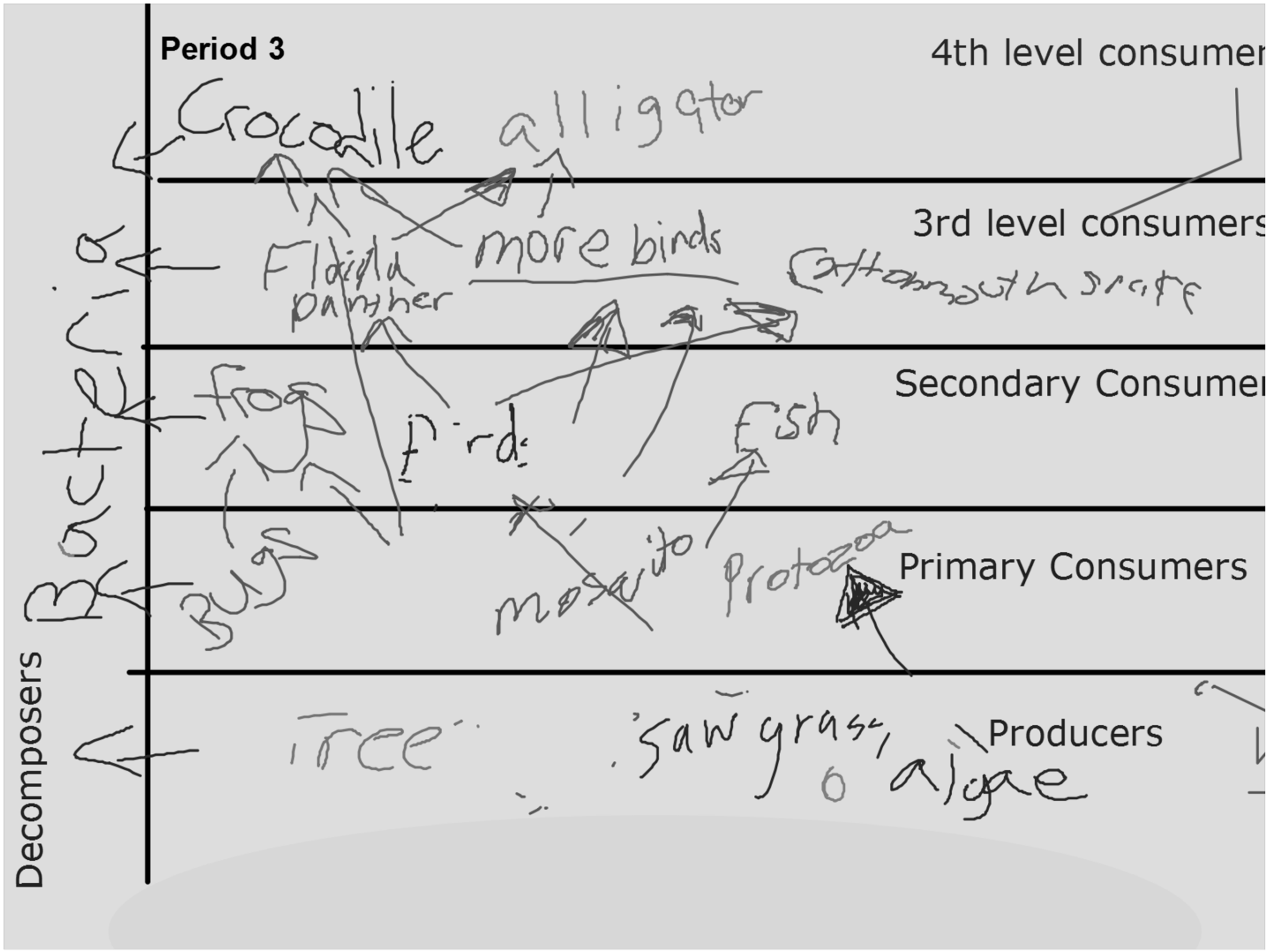
frog birds fish

Primary Consumers

bug mosquito protozoa

Decomposers

tree saw grass, algae Producers



Period 2 (Hailey and Kaitlyn)

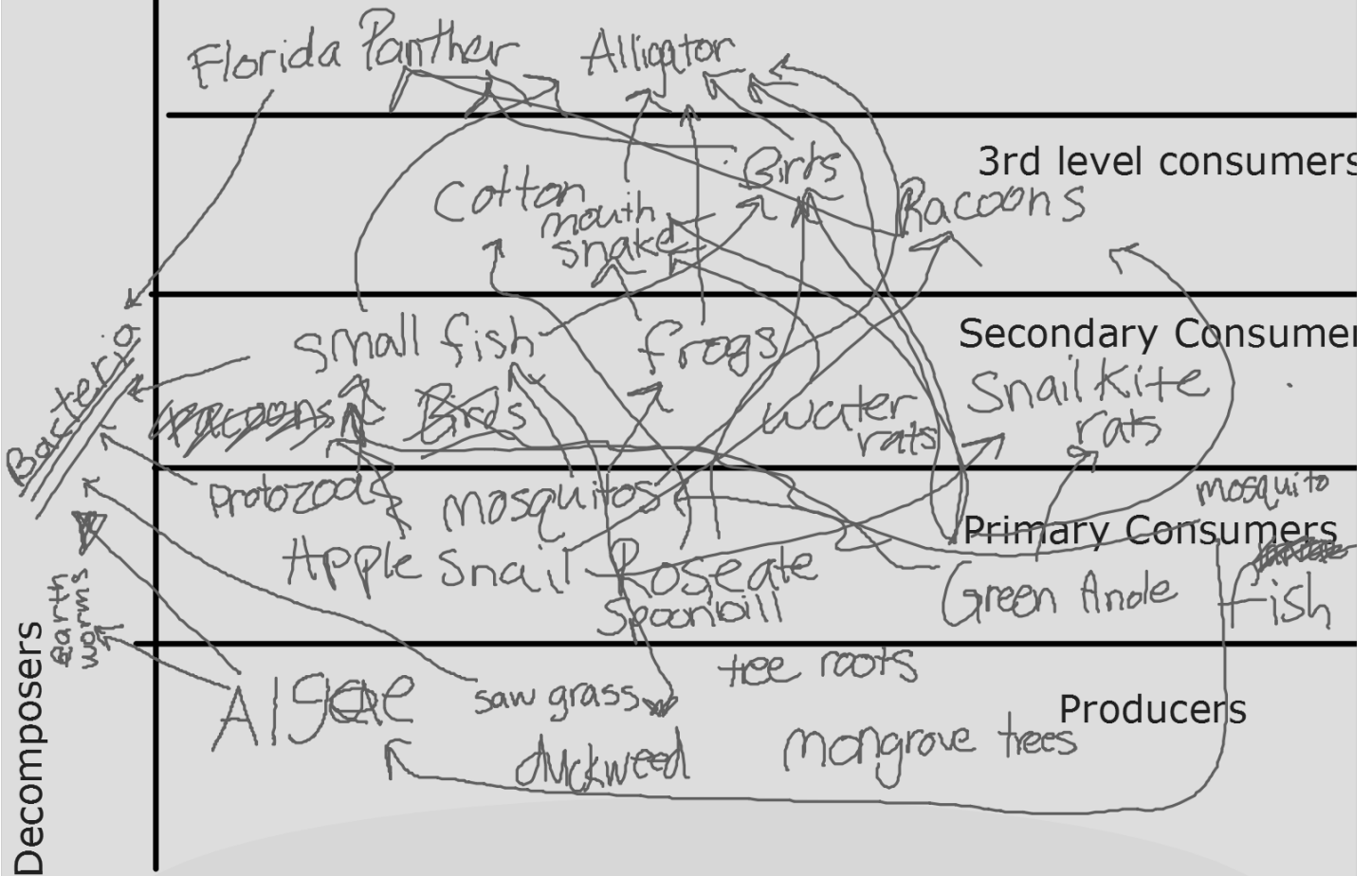
4th level consumer

3rd level consumers

Secondary Consumer

Primary Consumers

Producers



Decomposers

03/21 Producers

#3

In your journal list out the raw materials (ingredients) that plants need to make food.



Period 4

**What do plants need to
make food?**

soil nutrients

water minerals nutrients

water chlorophyll carbon dioxide

water soil leaves

**soil water carbon dioxide
water photosynthesis nutrients soil**

chlorophyll water roots

intelligence food skill

water soil carbon dioxide

water nutrients sunlight

carbon dioxide chlorophyll water

nutrience water co2

water, carbon dioxide (CO₂), and soil/ nutrients

sun chorphyll water

water leafs clorifill

soil water nutrient

water nutrients placetogrow

soil, water, chlorophyll, and oxygen

chlorophyll water nutrients

chlorophyll water carbon dioxide

photosynthesis

water carbon dioxide nutrients

water oxygen warmth

co₂ h₂o nutrients

water nutriants from soil

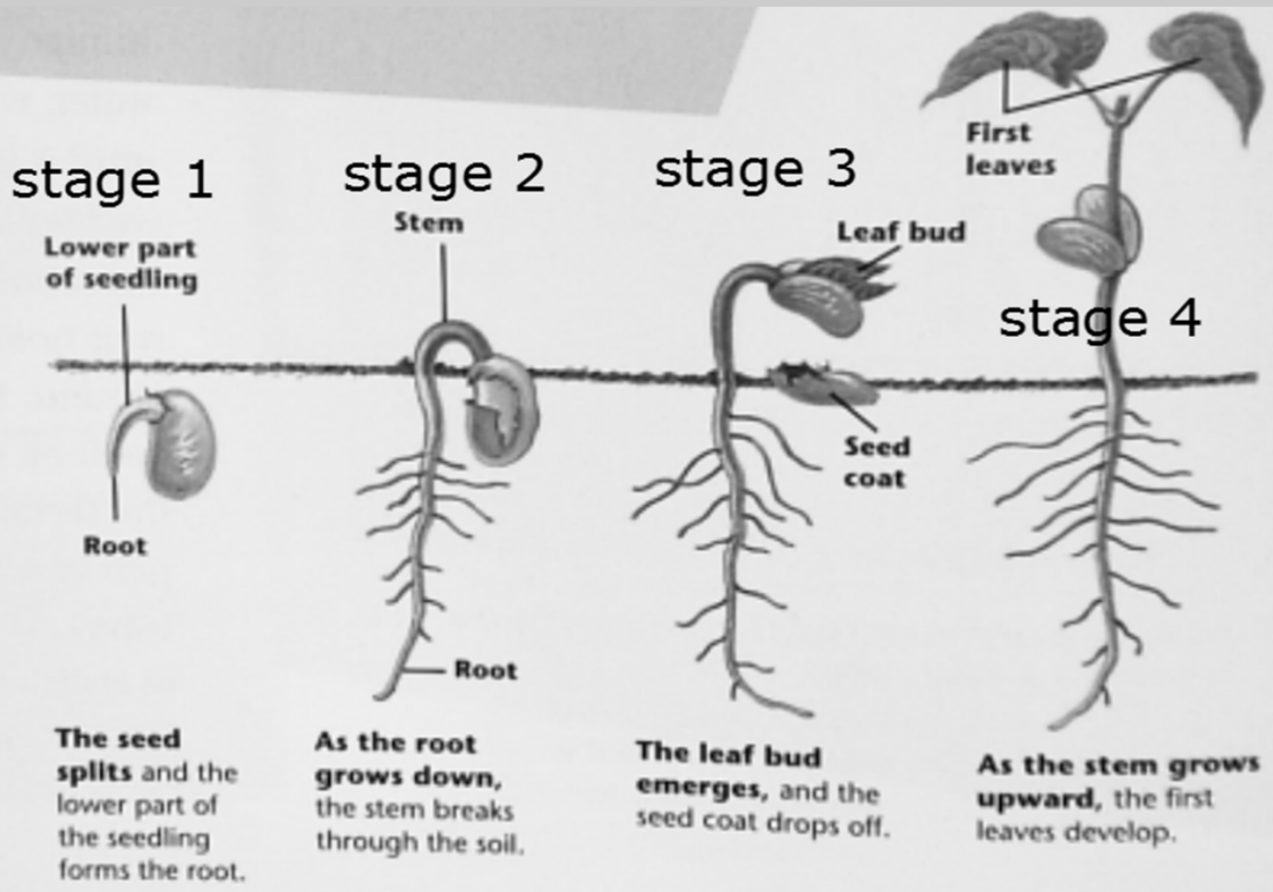
Period 1

carbon dioxide water soil
carbon dioxide water, co2, nutrients
soil
water

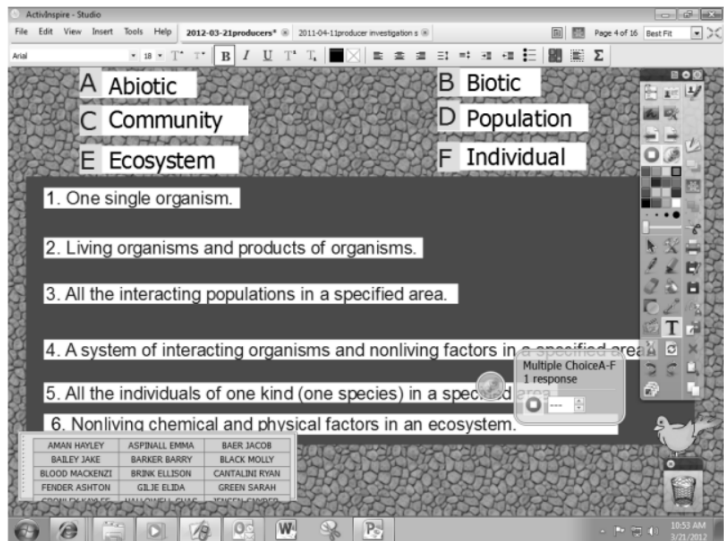
sun water nutrients
water nutrients from soil
sun, water, nutrients
sunlight water h2o
sunlight water nutrients

water sun soil
water soil energy
sun energy, water, soil :)
sun water soil
Soil water sunlight
sunshine soil water
sun soil water
energy nutrients water

water producers soil :D
energy radiation adams water energy sun
coraphi naturasugar so nutrients
sun energy water o h2o energy oxygen
sun photosynthesis



- A Option 1
- B Option 2
- C Option 3
- D Option 4
- E Option 5
- F Option 6



- A Option 1
- B Option 2
- C Option 3
- D Option 4
- E Option 5
- F Option 6

The screenshot shows a software interface for a biology quiz. At the top, there is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Tools', and 'Help'. Below the menu bar, there are two tabs: '2012-03-21producers*' and '2011-04-11producer investigation s'. The main content area has a dark background with a light-colored, textured border. It contains a list of six options (A-F) and six numbered questions. A 'Multiple Choice A-F' widget is visible in the bottom right corner, showing '1 response'. The system tray at the bottom shows the date and time as '3/21/2011'.

Options:

- A Abiotic
- B Biotic
- C Community
- D Population
- E Ecosystem
- F Individual

Questions:

1. One single organism.
2. Living organisms and products of organisms.
3. All the interacting populations in a specified area.
4. A system of interacting organisms and nonliving factors in a specified area.
5. All the individuals of one kind (one species) in a specified area
6. Nonliving chemical and physical factors in an ecosystem.

Multiple Choice A-F
1 response

AMAN HAYLEY	ASPIHALL EMMA	BAER JACOB
BAILEY JAKE	BARKER BARRY	BLACK MOLLY
BLOOD MACKENZIE	BRINK ELLISON	CANTALINE RYAN
FENDER ASHTON	GLJE ELIDA	GREEN SARAH

- A Option 1
- B Option 2
- C Option 3
- D Option 4
- E Option 5
- F Option 6

The screenshot shows a software interface with a menu of terms and a list of definitions. The menu includes:

- A Abiotic
- B Biotic
- C Community
- D Population
- E Ecosystem
- F Individual

The definitions are:

1. One single organism.
2. Living organisms and products of organisms.
3. All the interacting populations in a specified area.
4. A system of interacting organisms and nonliving factors in a specified area.
5. All the individuals of one kind (one species) in a specified area
6. Nonliving chemical and physical factors in an ecosystem.

At the bottom, there is a user list and a response counter:

AMAN HAYLEY	ASPINALL EMMA	BAER JACOB
BAILEY JAKE	BARKER BARRY	BLACK MOLLY
BLOOD MACKENZIE	BRINK ELLISON	CANTALINI RYAN
FENDER ASHTON	GLJE ELIDA	GREEN SARAH

Multiple Choice A-F
1 response