

HONORS BIOLOGY ASSIGNMENT #1

On your 5x8 index card define the following words from chapter 1 in *Animal, Vegetable*.

Vegetannual

Denizens

Foraging

Sustenance

Aquifer

Nonrenewable

Modified genes

Surreptitiously

Synergy

Ubiquitously

Be able to identify a picture of any or all of the following:

Roadrunner

Saguaros

Peonies

Bud of a plant

Flower

Fruit

Seed

Pansies

Petunias

Chrysanthemums

A full potato plant with all parts labeled

Chapter 2: WAITING FOR ASPARAGUS

Define the following in your words.

Proclivity

Perennial

Annuals

Biomass

Phytochemical

Glutamic acid

Aesthetic

Palate

Roust

Arbitrary

Be able to identify a picture or sketch of all of the following:

Asparagus (full plant in season for cultivation)

Blueberry bushes

Peach tree with fruit

Plum tree with fruit

Hazelnut tree with fruit

Pecan tree with fruit

Almond tree with fruit

Raspberry bushes with fruit

In this chapter Kingsolver said "clear winner in the carbon-fixing efficiency race". What was she referring to and what does that sentence mean?

CHAPTER 3: SPRINGING FORWARD

Define the following in your words :

Burgeons

Portobello mushrooms

Euphemistically

Desisted

Heirloom vegetables

Genetic modification

Terminator gene

Natural selection

Disparity

Indigenous

Precipitous

Red Queen principle

Resilience

Assiduously

Bolting (from your reading only!)

Be able to identify a picture of the following:

Forsythia

Portobello mushroom

Jonquils

Moon & stars watermelon

Sweet chocolate pepper

Woodpecker

Panda

Kale

Endive

CHAPTER 4: STALKING THE VEGETANNUAL

**Define the following in your words and on the following line (skip a line) use the word in an original sentence that reflects biological or scientific context. Make sure to skip lines between definition and original sentence for each:

Angiosperms

Conifers

Deciduous forests

Rain forests

Grasslands

Desert cacti

Tundra scrub

**On another 5x8 card, either sketch, take a picture of, or include graphics from the internet of a 'Vegetannual'; make it as large as you want but it should be at least a 5 x 8 card size. This will be collected the day of your test. Also explain what a vegetannual is.

**Make a data chart that shows the months of the year April through September and the name of the vegetables of that month and on one side of the chart list the words: leaves, flowers, roots, fruits. Check which part of the vegetable/fruit it is (leaf, flower, etc.).

CHAPTER 5: MOLLY MOOCHING

**Define the following in your words

scion

voluminous

capacious

paradigm

ramp (as referenced in the reading)

Molly mooch

Short day onions (define & give an example)

Cole crops (example)

**Outline the process of raising tobacco from beginning to auction

**Be able to identify a picture of a morel

**Answer the following questions:

How did the Webbs have indoor food refrigeration?

What regional commercial airline did these brothers found?

What plants were Sanford Webb most passionate about?

What grows on "Old Charley's Lot" one week a year and why?

What plant is Ky. & Va. The world's supplier of?

What influences the flavor of an onion?

CHAPTER 6: THE BIRDS AND THE BEE

Why do poultry hatchlings not have to eat for first 48 hours of life?

Summarize in 2-3 paragraphs, Lily's love affair with poultry. Make your writing reflect her enthusiasm and intelligence.

****Define imprinting**