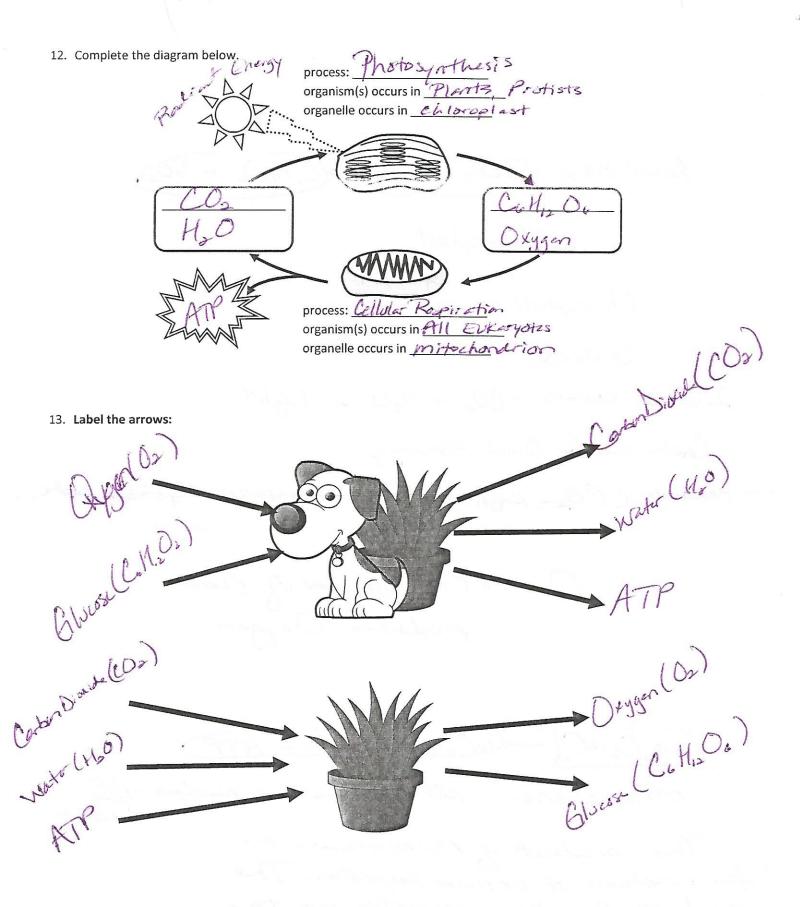
Test date: 3/8

BAT list – Regular Biology Botany: Photosynthesis and Respiration: Chapter 4

Name:

Vocabulary: Cell Energy Cellular respiration Product	ATP Reactant	Aerobic Photosynthesis	Anaerobic Pigment	Chloroplast Chlorophyll
	anced equation for photos with Energy 1 6		fucts and BOX the reacta $\mathcal{C}_{\nu} \mathcal{H}_{l2} \mathcal{O}_{\ell}$	ints + 60 ₂
	se chi	oroplast		
	ent that absorbs light ener Chlorophyll	estigning (A. g. July)		
400	f photosynthesis is a starch			
_	rays the amount of starch (C Recitarits —			
	told to eat a meal high in a		game?	
7. What factors affe	ct the rate of photosynthe	sis and how (think about)	vour labs)? Reactants = r	nore/Faster pol
8. Look at the exper		ed on this experiment and		cell processes, what gas must the
Light Property of the Property	-Bubbles O2 -	> Photogram	peris of Po	lad
C. H.	anced equation for cell res	600 + 6	BO+ AT	its P
	telle that carries out cell re tach ond i on	spiration. What organism all agen	s cellular respirate? ismus with n	ucles -NOT
The prac	products etants of ca	of Phistosyn+	there. The	brokers
Produces	3 of cellula	or respiration stosynthesis	ore The	



Botany: Plant Structures and Functions

Chapters 20-22

Botany Unit Vocabulary

Phloem Stamen	Xylem Filament	Vascular bundle	Stoma	Cuticle	Pollen	Thigmotropism				
Root	Stem	Anther Leaf	Pistil Guard cell	Stigma	Style	Hydrotropism				
Noot	Stem	LCai	Guard Cell	Tropism	Phototropism	Geo/Gravitropism				
Ch 21 Plant Structu	re and Function	n (pg 618-633)								
 Identify the 3 m 	najor organs of	a plant.		201						
	Roots	, Stems,	Leave	33						
Xylem is used to	primarily tran	sport what substance	s in a plant? W	hat direction are th	e materials trans	ported in?				
	Water up									
3. Phloem is used	3. Phloem is used to primarily transport what substances in a plant? What direction are the materials transported in?									
4 What can vuler	1 What are unless and phlases he are unless									
4. What can xylen	4. What can xylem and phloem be compared to in animal systems? WHO IS - Circulatory System									
5. If a plant doesn't have a vascular system (no roots, stem, xylem or phloem) where could it store water?										
In thick Leaves										
6. What is the function of the cuticle?										
6. What is the function of the cuticle? that prevents/slows dehydration										
8. How does the leaf get carbon dioxide for photosynthesis – where does it enter the plant?										
8. How does the le	ear get carbon (aloxide for photosynti	nesis – where d	oes it enter the plan	t?					
	rugh Sta					esticle				
9. Why do stoma t	ypically close?	eqp) water	- in	~						
10. How can a plant				ΛΘ		ain°				
	stom			July 1	<i>头头"找</i> 人"	}0				
		of the leaf in this leaf	cross section							
				. VOC-10 A		E Good cell				
12. Identify three m	ajor functions	of roots.		N B		3 F CO				
Walson	b water	-ts Esupport	plant	, Ø						
		, and Response (pg 64				Stomate				
13. Label and identify the stamen, pistil and petals on the flower to the right.										
14 What two place	- da	and the flame.			111/	anther Listanen				
14. What two places does meiosis occur in the flower?										
15. How does the sperm get to the ovary?										
Poll-en				syle /		Petals				
through	The state of the s	style to se	an sisti	and		1 Ciais				
	ges below as g	rows style to endo ravitropism (geotropis	m) thigmotron	ism or phototronism	n					
	B 8.	armobiam (Beamahia	,, tinginotrop	ism, or phototropist						
	11.11.20									
			5 3		0					
	いる	THE LANGE	** *		SW					
Migrio tropism materialism apism										
Market State of the State of th										
XIVO	位	C. We.		a						
47 Miles		, ,		V						
17. What type of tropism causes a tree on the side of a hill to still grow upright rather than lean with the hill?										

gravitropism