Name	Date Block	
World	of Plants	
Direct	ions:	
Go th	e Science Queen website at www.thesciencequeen.net Click on students,	
6th gr	ade, and Projects.	
Site #	1: Bio4Kids	
1.	What do all plants have in common?	
Click (on Photosynthesis in the right hand menu.	
2.	Plants mostly absorb and wavelengths.	
3.	Within this cell organelle is the chlorophyll that captures the light from the Sun	
4.	is the magic compound that can grab that sunlight and start the whole process.	
5.	The two parts of photosynthesis are reaction and reaction.	
Click (on Plant Structure in the right hand menu.	
	Vascular plants share a similar set of structures called, and	
7.	These structures are designed to pull water and minerals from whatever material the plant sits on	
8.	These structures make the roots look fuzzy and help in the absorption of water and nutrients.	•
9.	The majority of the plant you see is made up of and	



Click on Xylem-Phloem in the right hand menu.

10	and	move up while	2			
	move down to the roots.	_				
11	.The	of a plant is the system	of tubes and			
	transport cells that circulates water and dissolved minerals.					
12	.When someone cuts an ol	d tree down, they reveal a set of				
	Those rings are the remains of old					
		ring for every year the tree				
13	•	transports the sugars and othe	er molecules created			
	by the plant.					
Click (on Special Structures in the	right hand menu.				
14	-	ore a	nd long twisting			
15	.A Daisy is actually dozens	s of	·			
16	.Corks in wine bottles are	actually from the of a t	tree.			
17	.A cactus has no leaves wh days.	nich means very little	on hot			
Click	on Angiosperms in the righ	t hand menu				
18	.Flowers evolved to help pla	ants	·			
19	.There are two kinds of see	eds in the angiosperms,				
20		of monocots are that their flower				
		·				
21		edon are they have flowers with _				
		and				
	really	leaves with	all over.			



Site #2 Flower Dissection

22	2. What does the stamen do?			
23	3.The main job of the petals is			
24	4.The main job of the sepals is			
25	5.The main job of the nectaries is			
26	6.The main job of the receptacle is			
27	7. The three main parts of a carpel are			
Site #	#3 Carnivorous Plants			
28	8. Most plants get nitrogen from the soil	, but carnivorous plants get nitrogen from		
29. Pitfall traps of pitcher plants are leaves folded into deep, slippery filled with				
30	0 of sund stalked glands that exude sticky muc	lews and butterworts are leaves covered in ilage.		
31	1.Snap traps of the Venus flytrap are			
32		, are highly modified leaves with a hinged door lined with trigger hairs.		
33	3 traps of co	rkscrew plants are twisted tubular		
	channels lined with			
Site i	#4 Transpiration			
34	4. Transpiration explains how	moves up the plant		
in tubes made of dead xylem cells without the use				
	pump.			
35	5. Plants can slow down transpiration by	у		



36.In bright light transpiration	·
37.Transpiration is in h	nigher temperatures.
38. Transpiration is slower in c	onditions
Site# 5 Great Plant Escape	
Click on Case#1 & then Facts of the Case	
39.A plant's life cycle describes how long a plant live flower, and set seed. Plants can be either an	
40. Annual plants are plants that completes its life cy It will grow, flower, se Examples	
41. Perennial is a plant that lives for and set seed for many years. Examples: and	
42. An example of a plant with a tap root system is _ example of a plant with a fibrous root system is _	
43. Do Cases 2 -6.	

When you are finished, please turn in your packet and click on the when you are finished link.

