Skills Worksheet	
LS 12-3 Direct	ed Reading A (p308-313)
LO 12 O DITOU	ea reading // (peee e le)
Section: Seed Plants	
1. How are gymnosperms and	angiosperms different?
CHARACTERISTICS OF SEE	
Fill in each blank with either "so	eedless plants" or "seed plants."
2. In	, the gametophytes do not live independently of
the sporophytes.	
3. The gametophytes of	form within the reproductive
structures of the sporophyte	>.
	e need water to swim to the eggs of
4. The sperm of female gametophytes.	
4. The sperm of female gametophytes.	need water to swim to the eggs of
4. The sperm offemale gametophytes.5. The sperm ofof water.	need water to swim to the eggs of
4. The sperm offemale gametophytes.5. The sperm ofof water.	need water to swim to the eggs of can reach the eggs without the help form inside of pollen, which is

Name	Class	Date
Directed Reading A c	ontinued	
THE STRUCTURE OF	SEEDS	
Match the correct defini	tion with the correct term. W	Vrite the letter in the space
provided.		•
8. the young pl	ant within a seed	a. cotyledons
9. structure that plant	surrounds and protects the	young b. fertilization
10. seed leaves of	of a young plant	c. food storage
11. joining of sp	erm and egg	d. seed coat
12. often the pur	pose of the cotyledons	e. sporophyte
13. Name two advantag	es of seeds over spores.	3. 3F 22 3F-27
GYMNOSPERMS		
14. Seed plants t	hat do not have flowers or f	ruit are called
a. sporophyt	•	ametophytes.
b. angiosper	9.	ymnosperms.
-	n seeds are usually protected	-
a. leaves.b. cones.	c. fr	unts. umans.
	onomically important gymno	
a. conifers.		ycads.
b. ginkgoes.	•	netophytes.
17. Three things	that conifers are used for ar	re
•	naterials, cancer drugs, and	gardens and parks.
	ducts, resin, and syrup.	
	ugs, leather, and resin. naterials, fresh fruit, and gar	dens and parks.

Name	Class	Date
Directed Reading A contir	nued	
Match the correct definition provided.	with the correct term. V	Vrite the letter in the space
18. most are evergre	ens	a. ginkgoes
19. group of gymnos thatgrow in dry a	-	b. cycads
20. group of gymnos livingspecies	perms with only one	c. conifersd. gnetophytes
21. gymnosperms the	at grow in the Tropics	u. gnetophytes
22. During the pine life cycl	e, sex cells are produce	ed in the
23. The male		osperms are found in pollen.
24. Pollen is carried from th	e male cone to the fema	ale cone by
25. Some pine cones release		
26. The transfer of pollen fr	om the male reproducti	ve structures to the female
reproductive structures of	of seed plants is called _	·
ANGIOSPERMS		
27. About how many a. over 1,000 b. at least 235,00 c. just a few d. over one milli	00	s can be found today?
28. How are angiosperm fru	its and seeds transporte	d to new areas?

Name	Class	Date				
Directed Reading A continu	ıed					
Each of the following phrases a dicot. In the space provided		n example of, either a monocot or locot and D for a dicot.				
29. plant that has one	29. plant that has one cotyledon (seed leaf)					
30. vascular tissue in	30. vascular tissue in bundles that are scattered					
31. plant that has leav	es with branching v	veins				
32. flower parts in thr	ees					
33. vascular tissue in a ring						
34. flower parts in fou	irs or fives					
owl obtain food from flow		a field mouse and the way that an				
36. List three ways that people	le use flowering pla	ants.				