Name	Class	Date	
Skills Worksheet			
Active Peading			

Section: How Ecosystems Change

Read the passage below and answer the questions that follow.

Another example of secondary succession is *old-field succession*, which occurs when farmland is abandoned. When a farmer stops cultivating a field, grasses and weeds quickly grow and cover the abandoned land. The pioneer grasses and weeds grow rapidly and produce many seeds to cover large areas.

Then, over time, taller plants such as perennial grasses grow in the area. These plants shade the ground, which keeps light from the shorter pioneer plants. The long roots of the taller plants also absorb most of the water in the soil and deprive the pioneer plants of adequate water to survive. The pioneer plants soon die from lack of sunlight and water. As succession continues, the taller plants are deprived of light and water by growing trees. Finally, slower-growing trees such as oaks, hickories, beeches, and maples take over the area and block out the sunlight to the smaller trees. After about a century, the land can return to the climax community that existed before the farmers cleared it to plant crops.

IDENTIFYING MAIN IDEAS

One reading skill is the ability to identify the main idea of a passage. The main idea is the main focus or key idea. Frequently a main idea is accompanied by supporting information that offers detailed facts about main ideas.

Read each question and write the answer in the space provided.1. What type of succession is old-field succession?		
2. Summarize what happens to a field when a farmer stops cultivating it.		
VOCABULARY DEVELOPMENT		
Read each question and write the answer in the space provided.		
3. What key terms are used in this passage?		

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Active Reading continued		
4. Define the terms you id	lentified in the previous que	estion.
SEQUENCING INFORMATI	ON	
One reading skill is the abi or events in the order in w	-	n, or to logically place items
•	-	field succession. Write "1" on f the second step, and so on.
5. Taller plants gro	w in the area and shade the	e ground.
6. A climax comm	unity exists.	
7. Pioneer grasses	and weeds grow and produ	ice many seeds.
8. A farmer stops of	cultivating a field.	
9. Trees grow and	shade the taller plants.	
10. The taller plants	die.	
11. The pioneer pla	nts die.	
12. Slower-growing	trees shade the smaller tree	es.
RECOGNIZING CAUSE AN	D EFFECT	
One reading skill is the abi	lity to recognize cause and	effect.
Read each question and wr	ite the answer in the space	provided.
13. What causes pioneer gr field to die?	rasses and weeds that have	grown in an abandoned
14. What happens after a fa succession take place?	rmer abandons a field and t	he stages of old-field