Name:	Pd	Date	
Concepts and C	Challenges: The Diversity		
Directions: Read the pages indicated below. Then, answer the questions in complete answers.			
Chapter 4 / Section 4: Photosynthesis (pages 7	⁷ 6-77)	Basic	Photosynthesis
1. Why do living things need energy? all living things need en in order to function	ergy	ENERG	oxygen
2. How do plants obtain energy? Photosynthesis		carbon dioxide	War and
3. An insect eats a leaf. Explain how the insect sun for energy? The kaf dependence of the insect de	ds on the pends on	nater 1	The said
the leaf therefore, t 4. What chemical equation sums up the events Use the following terms and symbols: CO ₂ ,	he insect dep of photosynthesis? (Fig	gure 4-11)	sun.
CO2 + H20 50		alucose +	01
502 1 1120	un's energy	1,400	
5. What are the substances needed for photos by photosynthesis (Byproducts)?)? What are the substa	
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials	ynthesis (Raw Materials)? What are the substa	ances produced
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials Carbon dioxide	ynthesis (Raw Materials	Byproducts Glucose (C	ances produced 6H1206)
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials	ynthesis (Raw Materials	Byproducts Glucose (Co	ances produced 6H1206)
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials Carbon dioxide Water (HzO)	ynthesis (Raw Materials (COZ) * a litt	Byproducts Glucose (Cooxygen (Or le bit of wo	ances produced 6H1206) ter
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials Carbon dioxide	ynthesis (Raw Materials (COZ) * a litt	Byproducts Glucose (Cooxygen (Or le bit of wo	ances produced 6H1206) ter
5. What are the substances needed for photos by photosynthesis (Byproducts)? Raw Materials Carbon dioxide Water (HzO) 6. Which of the byproducts in the chart in #5	ynthesis (Raw Materials (COZ) ** a lift LX from are used by the plant oxygen on a cloudy do the plant with ple to photos tosynthesis thesis	Byproducts Byproducts Glucose (Con Oxygen (Or le bit of wo excess in plant) to create energy for its of the create energy for its explosive rate.	ances produced offic 06) ter cells?