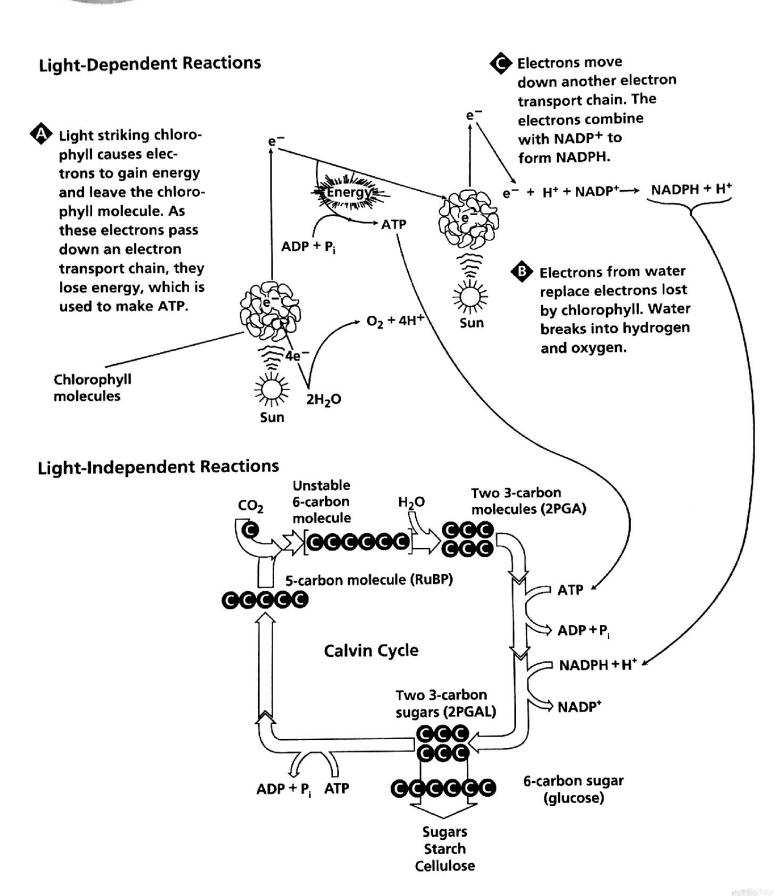
Master

Photosynthesis

Basic Concepts

Use with Chapter 9, Section 9.2



Worksheet 12

Photosynthesis

Basic Concepts

Use with Chapter 9, Section 9.2

2. What happens as an electron moves down an electron transport chain? 3. What is produced from the splitting of water during the light-dependent reactions? What is this process called? 4. What is the importance of the oxygen produced during the light-dependent reactions? 5. What products of the light-dependent reactions are used in the light-independent reactions? 6. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 7. What is the source of energy for converting PGA into PGAL during the light-dependent reactions?	1.	Describe what happens when sunlight strikes chlorophyll.
3. What is produced from the splitting of water during the light-dependent reactions? What is this process called? 4. What is the importance of the oxygen produced during the light-dependent reactions? 5. What products of the light-dependent reactions are used in the light-independent reactions? 6. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 7. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 8. What is the final product of the light-dependent reactions? What kinds of substances are		
3. What is produced from the splitting of water during the light-dependent reactions? What is this process called? 4. What is the importance of the oxygen produced during the light-dependent reactions? 5. What products of the light-dependent reactions are used in the light-independent reactions? 6. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 7. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 8. What is the final product of the light-dependent reactions? What kinds of substances are		
What is the importance of the oxygen produced during the light-dependent reactions? What products of the light-dependent reactions are used in the light-independent reactions? When does carbon fixation occur? What is the source of energy for converting PGA into PGAL during the light-dependent reactions? What is the final product of the light-dependent reactions? What kinds of substances are	2.	What happens as an electron moves down an electron transport chain?
What is the importance of the oxygen produced during the light-dependent reactions? What products of the light-dependent reactions are used in the light-independent reactions? When does carbon fixation occur? What is the source of energy for converting PGA into PGAL during the light-dependent reactions? What is the final product of the light-dependent reactions? What kinds of substances are		
5. What products of the light-dependent reactions are used in the light-independent reactions? 5. When does carbon fixation occur? 6. What is the source of energy for converting PGA into PGAL during the light-dependent reactions? 6. What is the final product of the light-dependent reactions? What kinds of substances are	3.	
What is the source of energy for converting PGA into PGAL during the light-dependent reactions? What is the final product of the light-dependent reactions? What kinds of substances are	4.	What is the importance of the oxygen produced during the light-dependent reactions?
What is the source of energy for converting PGA into PGAL during the light-dependent reactions? What is the final product of the light-dependent reactions? What kinds of substances are	5	What products of the light-dependent reactions are used in the light-independent reactions?
What is the source of energy for converting PGA into PGAL during the light-dependent reactions? What is the final product of the light-dependent reactions? What kinds of substances are	•	**************************************
reactions? What is the final product of the light-dependent reactions? What kinds of substances are	5.	When does carbon fixation occur?
reactions? What is the final product of the light-dependent reactions? What kinds of substances are		
What is the final product of the light-dependent reactions? What kinds of substances are formed from it?	7.	What is the source of energy for converting PGA into PGAL during the light-dependent reactions?
What is the final product of the light-dependent reactions? What kinds of substances are formed from it?	-	
	3. 1	What is the final product of the light-dependent reactions? What kinds of substances are formed from it?