Modeling Photosynthesis

Question: How do you think a seed becomes a tree? Where does the mass come from?

Materials:						
a. 6 black (carbon atoms)						
b. 12 white (hydrogen atoms)						
c. 18 reds (oxygen atoms)						
d. bonds as needed						
Procedure:						
1. Write the formula for photosynthesis						
Record the reactants of photosynthesis below Reactant 1 Reactant 2						
3. Use your pieces to construct your reactants.						
4. How many of each reactant can you make? Reactant 1 Reactant 2						
5. Draw your reactants below.						
6. What are the products of photosynthesis?						

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Draw your pro	duct below.		J.	and the Mills	elo, i	ມ ລ ິມ :
tions:						
Write the chen		process of p	bhotosynthesis	below. U	Jse coefficient	s (the
Is this process	endo or exothermic?	Explain in t	erms of energy	<i>(</i> .		
What is the glu				nergy fro	m sunlight dire	ectly?
How have the	products of photosyr					
	Draw your produced in the Draw your produced by the chemony of the	Draw your product below. tions: Write the chemical equation for the number you made of each) Is this process endo or exothermic? What is the glucose used for? Why	you used in the reactants to make the products. Draw your product below. tions: Write the chemical equation for the process of pumber you made of each) Is this process endo or exothermic? Explain in the work of the process of pumber you made of each)	tions: Write the chemical equation for the process of photosynthesis number you made of each) Is this process endo or exothermic? Explain in terms of energy What is the glucose used for? Why don't plants just use the en	tions: Write the chemical equation for the process of photosynthesis below. Unumber you made of each) Is this process endo or exothermic? Explain in terms of energy. What is the glucose used for? Why don't plants just use the energy fro	Draw your product below. Sometimes: Write the chemical equation for the process of photosynthesis below. Use coefficient number you made of each) Is this process endo or exothermic? Explain in terms of energy. What is the glucose used for? Why don't plants just use the energy from sunlight directions.