| Name | Clas | s Date | ······································ |
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Skills Worksheet



Section: Photosynthesis

Read the passage below. Then answer the questions that follow.

Photosynthesis is directly affected by various environmental factors. The most obvious of these factors is light. In general, the rate of photosynthesis increases as light intensity increases until all of the pigments are being used. At this saturation point, the rate of photosynthesis levels off because pigments cannot absorb any more light. The carbon dioxide concentration affects the rate of photosynthesis in a similar manner. Once a certain concentration a Roficarbon dioxide is present, photosynthesis cannot proceed any se sonfasten. L'abbi a sur l'ord er sint l'année e sessor de band l'ou Photosynthesis is most efficient within a certain range of temperatures. Like all metabolic processes, photosynthesis involves

many enzyme-assisted reactions. Enzymes operate properly only

SKILL: READING EFFECTIVELY

within certain temperature ranges.

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| Active F | Reading continued | | |
| over a sity a tion o | a certain period. That ad temperature rer | nen the rate leveled off. Do mained constant. The only urrounding the plant. Wha | plant continually increased uring the study, light intenvariable was the concentrat was the cause of this |
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| in the sp | 24 | e the letter of the phrase th | nat best answers the |
| question. | | | |
| | 6. Which of the fol | lowing does NOT affect th | ne photosynthesis rate of a |
| | plant? | | |
| i jaka | a. air temperatu b. soil type | ire | • |
| | c. light intensity | | |
| | d. carbon dioxid | de concentration | • |
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