

<b>QUESTION</b>	<b>ANSWER</b>
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**Quiz Cards: .....**

**How to use the quiz cards to learn the key facts**

- 1) Take 6 quiz cards at a time and read through them
- 2) Cover up the answer side of the page.

Question	Answer
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- 3) Take the first quiz card and ask yourself the question. Either write the answer down or say it out loud.
- 4) Check your answer using the answer side of the card.
- 5) Do this question again until you get it right.
- 6) Repeat the process for the second question.
- 7) Before going onto the third question repeat question one and two.
- 8) When you have gone through all of the questions try and do them in a random order to really test your knowledge.

**ONCE YOU HAVE LEARNT THEM ALL ....**

- 9) Complete some exam questions to apply your knowledge.
- 10) Check your answer with the mark scheme and correct any errors in green pen.
- 11) Repeat steps 9-10 until you get the answers correct all of the time.

QUESTION	ANSWER
<b>What are the reactants for photosynthesis?</b>	<b>Carbon dioxide and Water</b>
What are the products of photosynthesis?	Glucose and Oxygen
Where is chlorophyll found in a leaf?	The chloroplasts
<b>What is the word equation for photosynthesis?</b>	carbon dioxide + water $\longrightarrow$ glucose + oxygen
What supplies the energy needed for photosynthesis?	Sunlight
What do we call a factor that stops a reaction going any faster?	A limiting factor

QUESTION	ANSWER
List 3 limiting factors for photosynthesis	Temperature, carbon dioxide concentration and light intensity
How can you calculate the rate of photosynthesis using pondweed?	Count the number of oxygen bubbles coming out of the plant in one minute
Which insoluble storage molecule does a plant produce from the glucose it makes	Starch
What do plants need, in addition to glucose, to make proteins?	Nitrate ions from the soil
<b>Give three uses of the glucose the plant makes during photosynthesis</b>	Respiration to provide energy, making fats or oils, making cellulose for cell walls
Which chemical is used as a test for starch?	Iodine

<b>QUESTION</b>	<b>ANSWER</b>
What is the positive test for starch?	Iodine changes from orange/brown to blue/black
How does the carbon dioxide needed for photosynthesis get in to the plant?	It diffuses through the stomata on the underside of the leaf
<b>Name the green pigment that absorbs sunlight for photosynthesis</b>	Chlorophyll

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