

ELL Strategies for Success in Secondary Science

NSTA 2012

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History of Menelexene

Menelexene is produced in 70 countries. Humans first began using menelexene in the middle of the fifteenth century in the Sufi monastaries of Yemen. Throughout history the use of menelexene has been banned for political and religious regions.

Menelexene Today

Menelexene is primarily produced in Latin America and Southeast Asia. Menelexene is the top export of several countries. Unfortunately, menelexene is readily available and can even be found on school campuses.

Loraping Menelexene

Menelexene is loraped by first multating six tushkins of arburx to the menelexenator. Then two bizbets of menelexe are placed in an vitfa and placed in the vitfa woota in the menelexenator. The menelexenator is then turned on.

Loraping Menelexene

The loraping begins and will be accompanied by hissing and gurgling noises. Menelexene will then go into the ator. Once all the menelexene is loraped it can be put in tushkans and bizbets of hapose and joom added.

Menelexene Quiz

1. When was menelexene first used by humans?
2. Why has the use of menelexene been banned?
3. Where is most menelexene produced today?
4. How many tushkins of arbux are multated to the menelexenator?
5. How do you know loraping has begun?

Menelexene Debrief

- How did the menelexene activity make you feel?
- The menelexene activity made me feel...

In my classroom I will handout

QSSS

- Question
- Signal
- Stem
- Share

- Based on the work of John Seidlitz

- QSSS Handout

**As an active learner I will
leave able to incorporate
strategies on Making Science
Accessible to English
Language Learners into my
classroom.**

As an active learner I will discuss and take notes on incorporating strategies for English Language Learners into my classroom.

Setting the Classroom Climate

Do ELLs experience achievement gaps or a **OPPORTUNITY** and **EXPECTATION** gaps?

Setting the Classroom Climate

- Complete Sentences
- Randomizing who is called on
- What to say instead of I don't know

- IDK poster and complete sentences handout

Photosynthesis Review

What does this image tell us about the process of photosynthesis?

This image shows...

The process of photosynthesis is shown by...

The diagram represents... with...

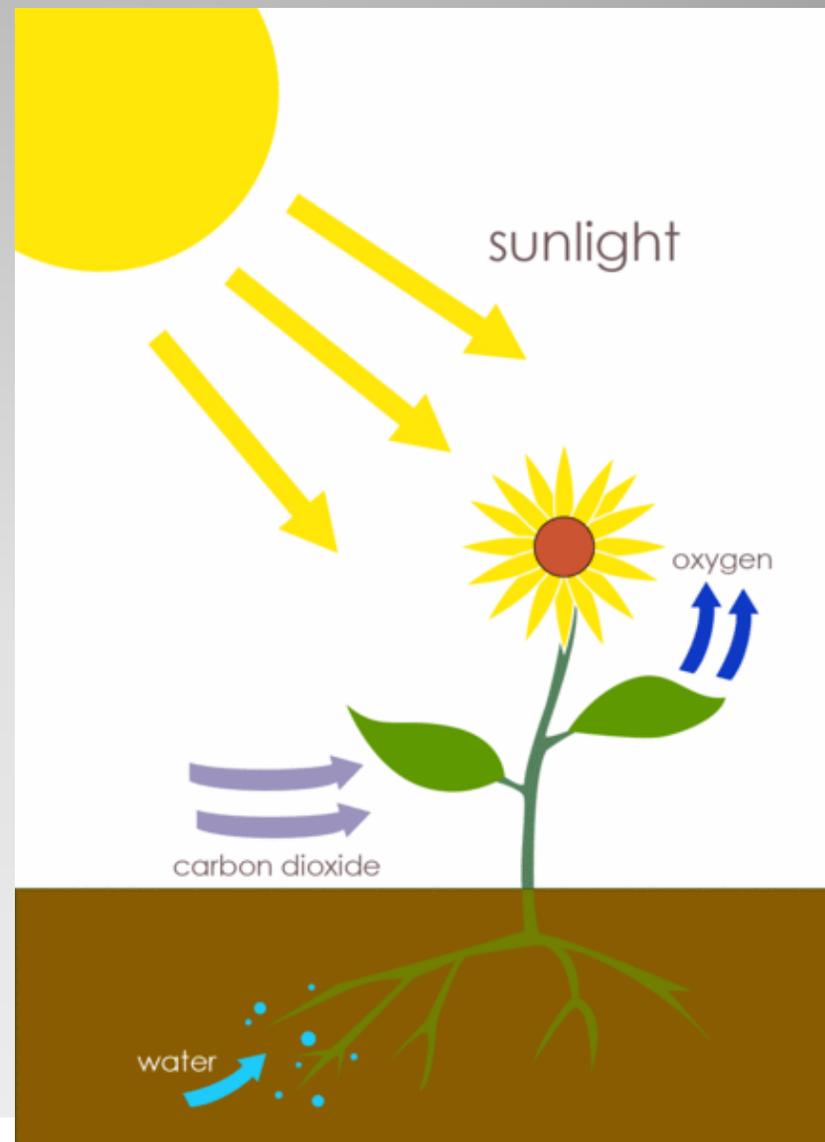


Image from wikimedia commons, At09kg

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Photosynthesis Review

What does this image tell us about the process of photosynthesis?

This image shows...

The process of photosynthesis is shown by...

The diagram represents... with...

This diagram shows... while the other image showed...

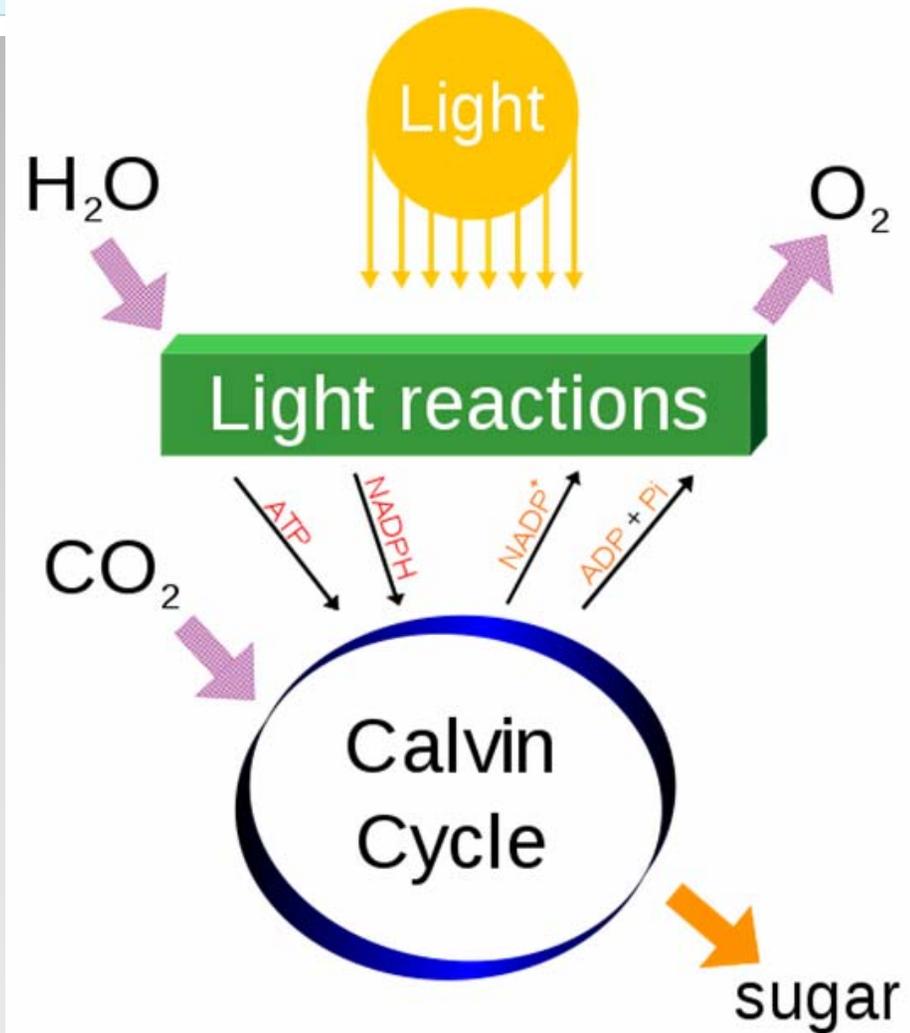


Image from wikimedia commons, Daniel Mayer

Dehydration Synthesis

- What do you think dehydration synthesis means?
 - I think dehydration synthesis means...
because...

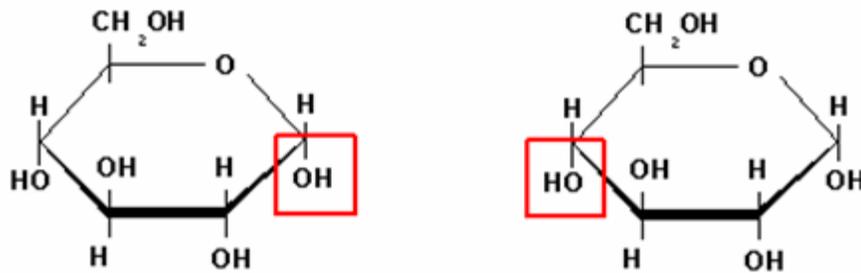
Dehydration Synthesis

- Dehydration (deshidratación)
 - de – removal
 - hydra - water

- Synthesis (síntesis)
 - put together

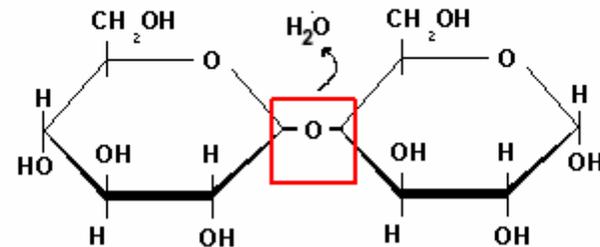
Dehydration Synthesis

Dehydration Synthesis

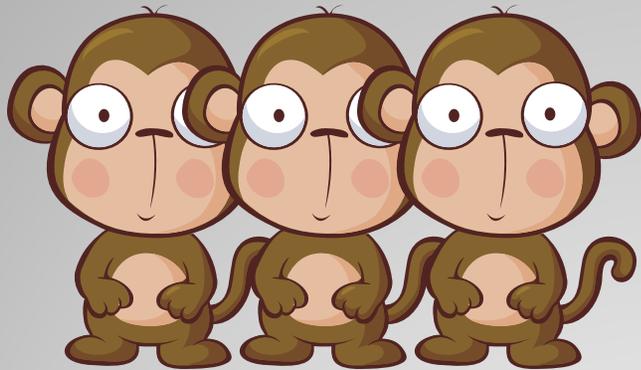


form a bond while
losing a water molecule

Dehydration Synthesis



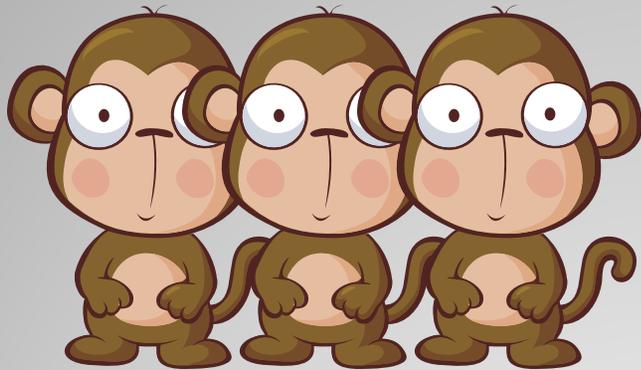
Dehydration Synthesis



This model shows...

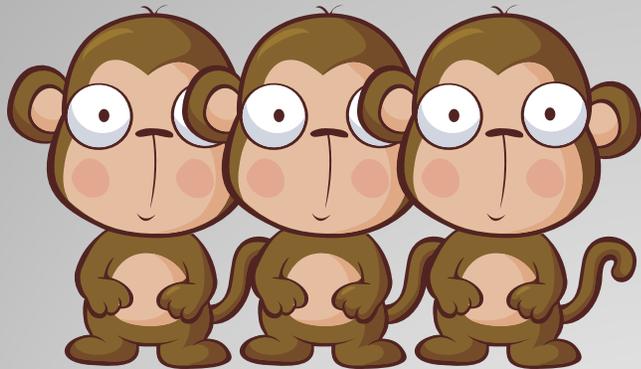
Limitations (problems) of this model include...

Dehydration Synthesis



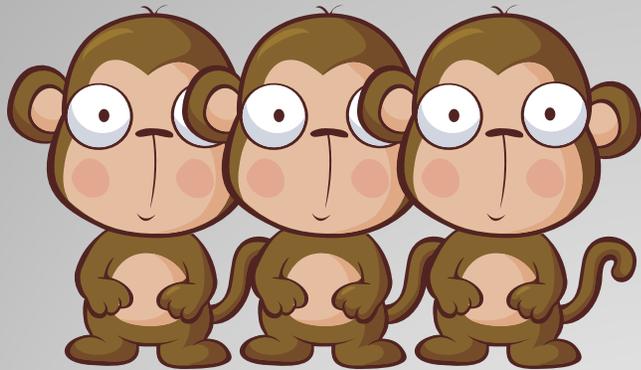
Draw a diagram of this process in your notebook.

Dehydration Synthesis - handout



Draw a diagram of this process in your notebook.

Dehydration Synthesis



- Abcd Whisper explanation page

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