

6 Transpiration

transpiration ⇒

guard cells ⇒

xylem ⇒

Diagram →

Celery Observations (words & pixs / no inferences)

10.2

The mighty Stomates

Diagram
of stomate

Stomates

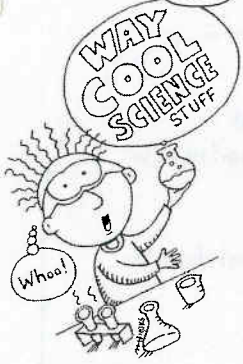
- not cells
- controlled by cells; the _____ cells
- are openings

What is the
purpose of the
stomates?

10? summary of Transpiration

SCIENCE BUDDIES

Lab Report



Name: _____

Partner(s): _____

Date: _____

For which month? _____

Lab Title: Transpiration

All group members provide)

Question

What is the effect
of _____

on transpiration.

Background

- ★
- ★
- ★
- ★

Hypothesis: "If _____ [I do this] _____, then _____ [this] _____ will happen."

If we _____
then _____

Test: Keep notes of constants, variables, observations, use diagrams. Basically, record everything.

constant(s) = _____
variable (can only have 1) = _____

Observations = _____

model = _____

Analyze: Does your data support your hypothesis? If true, write an explanation with supporting evidences. If false, write your statement with evidences and construct a theory on what happened or new learning or what you could do to change the experiment.

If your lab has questions, answer them here or on loose leaf paper. Answers must be thorough, not short for space purposes.

Follow directions; be thorough.

Presentation: If you had to present the data to a group of scientists, what format(s) would you use? Explain and draw a model.

Stems & Leaves

- * Read thoroughly
- * Keep/take organized notes of reading
- * Respond to all 5 end of selection questions in complete sentences.

