Study Guide 5th grade—PLANTS!

Test 3/30/11

* What is a vascular plant? Non-vascular?
* What is the difference between a seed and a spore (p. 49) and what is an example of a plant that makes spores?
* What is the difference between a gymnosperm and an angiosperm and what is an example of each?
* What is a root? What are the functions of roots? (p. 50) Can you identify tap and fibrous roots?
* What are stems? Can you identify and tell the difference between a soft and woody stem? (p. 52)
* Can you identify and tell apart a cross section of a stem and a root?
* What are the 2 types of plant “tubes”? Be able to tell what each transports and in what direction.
* Know the definitions of photosynthesis, transpiration, and cellular respiration.
* Understand the job of stoma (stomata) (p. 54)
* Be able to match the chemical equations of photosynthesis and cellular respiration.
* Know that photosynthesis takes place in the organelles chloroplasts, and respiration in the mitochondria.
* Review P. 57 questions 1-6 and the Math Link
* Review your plant nature walk
* Review your diagram questions