bio

09/27/11

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Exams returned

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balance an egg on its end on the equinox (fall and spring)?

 -18 volunteers

 -a few were able to balance

 -not necessarily proven that it's the equinox

 -need to try it on other days

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review of exam:

 if student is turned in by student for cheating (and it is proven) all the other students receive 5 ec points

 -f.d. = follow directions

 -the cell organelle worksheet will probably be on final

 -math will be on all the exams

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Reading assignment will be posted on blackboard soon

 -focused on lecture and lab assignment (big! 100 pt!)

-what causes the seasons?

 understand:

 -planet spins on axis (approx. 1000 mph)

 -revolves around sun (365 days to revolve 1 x)

 -planet is tilted on its axis (23.5 degrees) (stays relatively constant)

 -half will always be in light, half in darkness

 -where the tilt is relative to the sun in the revolution around the sun = the season in that area

 -if where you live is tilted toward the sun in that part of the revolution = summer

 -varying the length of the days/nights

 -except in equator, because the tilt doesn't affect them as much

 -thus very little evidence of seasons in the equator

 -another factor: curvature of earth!

 - if each square of light = equal amount of energy

 -when projected on a round surface, as you move away from the equator, the light is spread over larger areas = same amount of energy spread over a larger area