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