

July 27, 2009

Back to Your Roots

DIY Science Experiment



Our hypothesis: Kids will get a kick out of this sweet experiment from Andy Allan, director of curriculum development at Champions Science Adventures.

1. Wash one stalk of celery and trim $\frac{1}{4}$ inch off the bottom.
2. Pour warm water into a glass and stir in 4 tablespoons of sugar until dissolved.
3. Stand the celery in the glass so that the bottom is submerged in the sugar water.
4. Leave the celery for four hours.
5. Slice the celery into several pieces from the top.
6. Starting with the very top pieces, taste the celery.

Is it sweet? Does it get sweeter the lower you go?

And that, folks, is capillary action (science mumbo jumbo for how plants move nutrients and how water reaches the top of a tree).

Results: Smiles all around.

For more home experiments and information, go to scienceadventures.com.