

The '*Building science concepts; Growing plants indoors*' book 63

Resources to show the children are:

Science animations (N.D), Water movement:

Retrieved from: http://kscience.co.uk/animations/water_movement.swf (7th August 2013)

Science animations (N.D), Osmosis and Turgor:

Retrieved from: <http://www.kscience.co.uk/animations/turgor.htm> (7th August 2013)

When teaching using this resource in a lesson, I would accompany the resource with interactive activities that children can work on independently such as this activity <http://www.sciencekids.co.nz/gamesactivities/plantsgrow.html> where children can control the variables affecting the plant in order to make it grow to its full potential. I would ask them to do this activity before moving onto growing their own actual plant. The pedagogical ideas behind the use of the "*Building Science Concepts*" resource (Ministry of Education, Post 2007) is explained here: <http://www.sciencekids.co.nz/gamesactivities/plantsgrow.html> this helped me understand how the books are effective when used with the right learning strategies.

How plants grow, (2013). Science Games for Kids. Retrieved from: <http://www.sciencekids.co.nz/gamesactivities/plantsgrow.html> (26th May 2013)

Pedagogical Ideas, (2007 – 2013). Science online: Ministry of Education. Retrieved from: <http://scienceonline.tki.org.nz/What-do-my-students-need-to-learn/Building-Science-Concepts/About-the-series/Pedagogical-Ideas> (26th May 2013)

A good resource to show to the children to back up this activity is this [animation](#). Although this activity is simple, it offers all the strands of the nature of science. It allows the understanding of how plants work; it allows a chance for children to investigate and ask questions to do with water and plants. The activity uses words that relate to plants like stem and roots, and finally it allows the children to think about how plants actually get water into them by the questions listed above. This activity offers children the chance to expand and challenge what they know already about plants.

Water movement animation

Retrieved May 28, 2013, from

http://kscience.co.uk/animations/water_movement.swf

Sound waves animation

Retrieved May 28, 2013, from

<http://www.science-animations.com/support-files/slinkyc.swf>