

THE CHALLENGE:



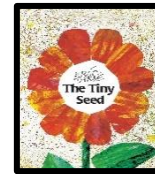
Did you know you could grow a garden without soil? This is called hydroponics. Growing plants hydroponically helps gardeners and farmers grow more food faster, in any season, and in smaller places, like your home to create a bird feeder with items from around your home. Your challenge is to use the stem of lettuce or green onion and water to replenish our supply.
~Create, Test, Improve

Learning Activities

Language Arts

**Journaling is a great way to keep your drawings and other observations in one place and to be able to ask questions about what you have found. Watch a video on being a Field Scientist here. In your journal, draw and label your plant each day. Remember to look for any changes you may see. Listen to The Tiny Seed by Eric Carle by clicking the link below.

<https://www.youtube.com/watch?v=Is6wTeT2cKA>



Math

Find three different sized drinking glasses at your house. Predict which glass will hold the most amount of water and which holds the least amount of water and then test your predictions.



Science

Plants need four basic things to help them survive. Does your plant have all it needs to grow? Click the link below to find out.

<https://www.youtube.com/watch?v=tkFPyue5X3Q>



Take a walk around your neighborhood and count the signs of Spring.

Art:

The parts of a plant include root, stem, leaf and flower. Create and label the parts of a plant using recyclables found at home.



Trivia

Name three vegetables that grow under soil.