



Ohio Academic Content Standards

K.LS.1: Living things have specific characteristics and traits.

1.LS.1: Living things have basic needs, which are met by obtaining materials from the physical environment.

Things you will need:

- Plastic cups (I used one clear cup and one solo cup, but any would work as long as one is transparent)
- Soil
- Seeds
- Push pin to poke a hole
- Water



What to Do:

First poke a hole at the bottom of your non transparent cup. You can have your child help you or just watch this step. Then give your child a bucket of dirt and allow them to fill the cup. This is a great chance to ask them what they think dirt is, or where does it come from. (Dirt is actually the waste created by decomposers like worms when they digest organic materials such as leaves.)

Once their cup is about 4/5 filled with dirt, have them place a few seeds in the center of their dirt. If you have garden seeds available, you can use those. Or else, you can try the seeds from a fruit you've eaten, or a pantry seed like flax or chia. Ask your child what their seed needs to grow (water and sunlight!) Plants needs water and sunlight in order to create the energy they need to live. Help your young one give their seed some water - not too much! Finally place your transparent cup over the first cup upside down, this will trap air and water creating a greenhouse effect. Place your plant in a window and watch it grow!