

# KES GREENHOUSE



## 4th Grade Terrariums 2010: A WORLD OF PLANTS IN MINIATURE

A terrarium is small, enclosed environment with plants - a world in miniature! The 4th grade plant scientists were asked to explain this. Here are facts they provided:

### In A Terrarium....

...water with nutrients is sucked up by plant roots and travels through stems to leaves.

... plants use water, air (carbon dioxide), sunlight and nutrients in photosynthesis.

...leaves give off water vapor through stomata (transpiration.)

...vapor ends up on the terrarium's sides, condenses, then falls to the soil like rain does in the real world.

### Your Terrarium

Your terrarium is planted with ivy and chive seeds.

### Terrarium Care

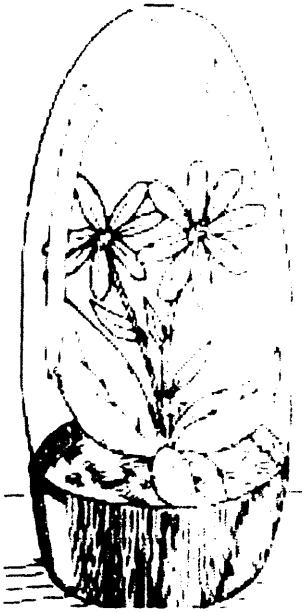
A nice thing about a terrarium is that it doesn't require much care. Since it is a closed system water, air, nutrients that are inside today will remain inside. They will be recycled. Over →

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What about sunlight? Keep your terrarium out of direct sun otherwise it will get too hot inside and your plants will cook! A north facing window is an ideal place.

## Making More Terrariums

If you want to make another terrarium at home it's important to remember the materials we put on the bottom of the bottle in layers.



- ← Soil
- ← Charcoal to keep soil from becoming acid  
(plants don't like to grow in orange juice!)
- ← Pebbles or sand for drainage