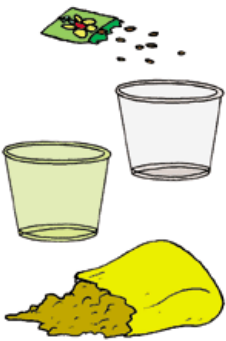


BUILD A GREENHOUSE

Materials Needed:

- potting soil, two clear plastic cups, 1 bean seed, 1 corn sees, 1 pea seed, water, transparent tape, permanent pen.

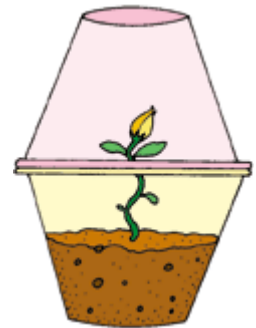


Materials Needed: Potting soil or dirt from the backyard, two disposable cups or small planting containers, one should be clear. seeds or a very small plant or sprout, water, tape

With these supplies you can build the greenhouse below.

Directions:

- Place some soil in one of the cups, filling it about halfway up.
- Plant each of the three seeds equidistant next to the “wall” of the plastic cup so you can observe the germination and growth of your plants.
- Add a little water and then place the other cup on top. Tape the cups together.
- Label seed type above each planting (on top cup). Bean, corn, pea.
- Once you've completed your mini-greenhouse, keep an eye on it. Experiment by placing your greenhouse in different locations. If it doesn't grow in one spot, try another. Place your greenhouse in indirect sunlight.
- Most likely, your plant will quickly outgrow its container. When the plants touch the top of the upper cup, remove the tape and begin watering.
- Your plants will need to be transplanted to a larger container or into outside soil shortly thereafter.



Pointers for making a successful greenhouse using this Ag in the Classroom plan:

- Have children write name and date on top (or bottom) cup with a permanent marker.
- Do not put too much water – basically, get the soil moist throughout. Use mist spray bottles. These should be available for 2 for \$1.00 at a dollar store.
- Seeds should be planted next to the “wall” of the cup so children can see them as they begin to germinate. To get the seeds where they can be seen, put the potting soil into the bottom cup, then use a plastic knife or popsicle stick to push the seeds down into the soil right up next to the “wall” of the cup. Make sure that each seed is visible through the wall of the cup.
- It is suggested that by planting 3 different seeds children can observe differences in germination and growth. Plant them equidistant around the cup.
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