



Ms. Valerie's Learning at Home Activity

Soda Bottle Planter

Related **Social Studies** Lesson Airs May 20, 2021 on WQLN PBS

How to Make

Materials:

- 2-Liter Bottle
- Scissors
- 2 Cotton balls
- Potting soil
- Green bean seeds

Make sure these are bush beans not pole beans.



Directions:

1. Rinse out the two-liter bottle and remove the label
2. Cut the bottle in half.
3. Put water in the bottom section of the bottle.
4. Put the cotton balls in the mouth of the bottle

These will keep the soil from falling through and will soak up water into the soil from the bottom.

5. Invert the pour spout (mouth) of the bottle into the bottom of the bottle.
6. Fill the top section with potting soil.
7. Plant bean seeds in the soil.
8. Place near a sunny window. Tips: You may want to use a spray bottle to moisten the top of the soil at first. The cotton balls will soak up water from the bottom. *Bottom watering makes a strong root system.*
9. Refill the water about once a week. You will probably need to stake the bean plants after awhile because plants tend to get leggy when grown indoors. Be sure that your seeds are compact bush beans, not pole beans. You may want to have your child write and draw about their bean plant in a journal as it grows.

