



CREATE A PLANT MAZE

Do plants really grow towards the sun?
Build this plant maze and find out!

MATERIALS:

- Small cardboard box with a lid, like a shoebox
- A few pieces of cardboard
- Scissors
- Ruler
- Tape
- Small plant

HOW TO DO IT:

1. Get a small plant and place it in a pot or small cup.
If you want, you can grow your own small plant from a bean and use it in this experiment!
2. Get the maze ready! Take the box and cut a 2" x 2" square at the top.
3. Using the ruler, measure the height and width of the box. Cut two pieces of cardboard that are the same height as the box, but half the width. These pieces will create the maze path for the plant.
4. Divide the box into thirds, by measuring and marking with a pencil.
5. Tape the cardboard pieces in place at the 1/3 and 2/3 marks. Secure one on the left of the box and one on the right. This will form the maze for the plant to grow through.
6. Water the plant and place it in the box under one of the cardboard pieces. Carefully place the lid on the box and tape it shut. Put your maze in a sunny spot.
7. In a few days open the box and see what happened! Plants will always try to grow towards the sun, did yours?



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