

### SCIENCE CLUB

# What you will need:

- Glass container with lid
- Small stones
- Activated charcoal pieces
- Potting soil
- Variety of plants (that can grow in available space)
- Pebbles
- Safety gloves

## **Closed Terrariums**

### **Overview and Objective**

We're going to show you how to make a closed terrarium, a self-contained environment perfect for plant growth. With closed terrariums, light and heat can enter through the glass, encouraging soil and plant evaporation. This water vapor then condenses on the glass and falls back to the soil below.

Choose plants that will have room to grow in the space. We chose assorted succulents, but you could use others. Caring for them may seem easy, but watching the growth is really fun!

#### **Process:**

- 1. In your glass container, cover the bottom with around 1.5 inches of small stones.
- 2. Add a thin layer of activate charcoal pieces.
- 3. Add in about 2.5 inches of potting soil.
- 4. Plant your largest plants first, followed by the smaller. Have fun arranging them however you like.
- 5. Finish with a layer of pebbles.
- 6. Add the lid to the terrarium and move to a sunny spot.
- 7. Water about every two weeks or when the soil looks dry.









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