

# SIDE QUEST

## CAN YOU BUILD A HOME FOR SUCCULENT?

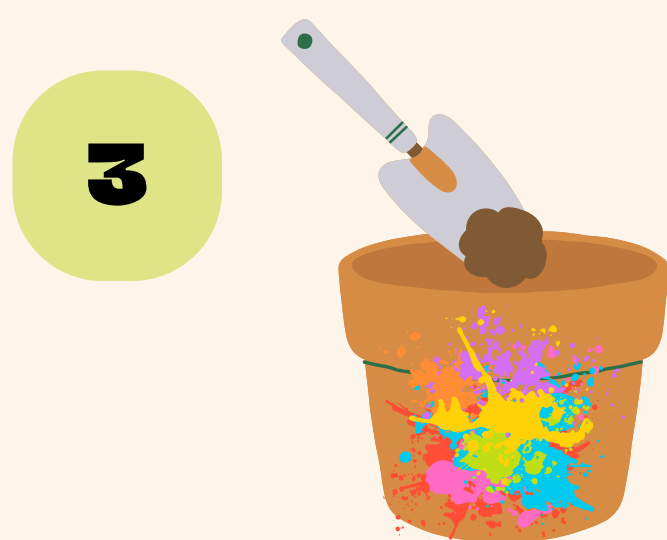
In this side quest, can you solve the challenge of making the perfect home for a succulent?



Gather your supplies.



Start by painting your pot to create a happy home for your succulent.



Carefully fill your pot 2/3 of the way up with soil. If it is dry, add some water dampen.



Gently place your succulent into the loose soil. Add the remainder of the soil to the pot and place rocks on top.



Place your succulent in a bright place such as by a window. Water when the soil feels dry.

# DID YOU KNOW?

Check out these cool facts about succulents below.

**Water Storage:** Succulents are like little water tanks. They can store water in their leaves, stems, or roots to help them survive in dry places where it doesn't rain much.

**Lots of Kinds:** There are more than 10,000 different types of succulents! Some are tiny and cover the ground, while others can grow as big as small trees.

**Nighttime Breathers:** Many succulents have a special way of breathing called CAM photosynthesis. They open their breathing pores at night to save water and still get their food from the sun during the day.

**Tough Plants:** Succulents are super tough. They can live in really harsh places where other plants can't, like very dry or hot areas.

**Cool Shapes and Textures:** Succulents come in all sorts of cool shapes and sizes. Some have spiky leaves, while others are smooth and round. They're really fun to look at and touch.

**Air Cleaners:** Succulents can help clean the air in your home. They take in bad stuff from the air and give out oxygen, making it easier for you to breathe.

# WHY?

In this adventure, you created the perfect home for your succulent and propagated a plant. Propagation works because plants have special cells that can grow into new roots, stems, and leaves. When you take a piece of a plant, like a leaf or a stem cutting, these cells get activated and start growing new parts, eventually forming a whole new plant.



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