

## About Eco Plant Pals

Eco Plant Pals are fascinating and fun to grow. With 12 different styles, plant, experiment and learn from these fun and interesting characters! Eco Plant Pals come with their own seeds, germination disk, trading card, decals, and growing pots that are ecological; everything you need to get started and then some. These environmentally friendly characters will sprout in 7 to 10 days and give you endless amounts of entertainment and freedom to experiment and learn as much as possible!

## Planting Instructions

1. Place your decal on your Eco Plant Pal pot.
2. Place your germination disk in bottom of your Eco Plant Pal pot.
3. Fill your Eco Plant Pal pot with  $\frac{1}{4}$  cup of water.
4. Disk will dissolve and turn into germination mixture in about 10 minutes. Mix up the germination mixture and smooth the surface.
5. Sprinkle seeds on top of the germination mixture and press in about  $\frac{1}{8}$  of an inch.
6. Cover your planted Eco Plant Pal pot with the sprouting lid.
7. Place your pot on windowsill or in a sunny location.
8. Your seeds will sprout in 7 to 10 days.
9. Make sure your soil stays moist after removing the lid from the Eco Plant Pal pot.
10. Your Eco Plant Pals can be transplanted into a larger pot or outside after they are well established and all fear of frost has passed.

## Eco Plant Pal Experiments

### 1. Identifying Similar Plants

In your group, observe all the sprouted plants and discuss the similarities and differences. Divide the plants into categories based on their similarities. After dividing the plants into groups refer to the General Care Database to see if your group was correct.

### 2. Flowering and Non-Flowering

A Venn diagram helps you compare two things. In a group draw a Venn diagram and compare flowering and non-flowering plants. In the outer circles, write things about the plants that are

different. In the center circle, write things that are alike. Summarize the differences and similarities on the top of your page. Share with the other groups what your group came up with and discuss.

### 3. How Does Water Affect Plant Growth?

In your group, plant your 2 Eco Plant Pals. One Eco Plant Pal should be planted with tap water and the other with distilled water. Place in a windowsill and allow sprouting to occur after 7 to 10 days. How do the 2 plants differ? How does water affect plant growth?

### 4. How Does Light Affect Plant Growth?

In your group, plant your 2 Eco Plant Pals. Water one of the pots with some water (careful not to over water) and place in a warm sunny spot. Do not water the second pot and place it in a cool dark place. Leave the Eco Plant Pals for a few days and watch to see what happens to each pot. How has the Eco Plant Pal in the cool dark place progressed? How has the Eco Plant Pal in the sunny spot progressed? Observe and record your observations. Discuss the possible reasons for the outcome of each Eco Plant Pal with your group.

### 5. Food Coloring

Add a couple drops of food coloring to a cup of water. Plant your Eco Plant Pal and water with the colored water. Place your pot in a sunny windowsill and after 7 to 10 days observe the plant. What happened? Discuss your results with your group.

## Company Information

# DuneCraft

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