

# INVESTIGATING THE MAGIC<sup>®</sup> TREE<sup>1</sup>

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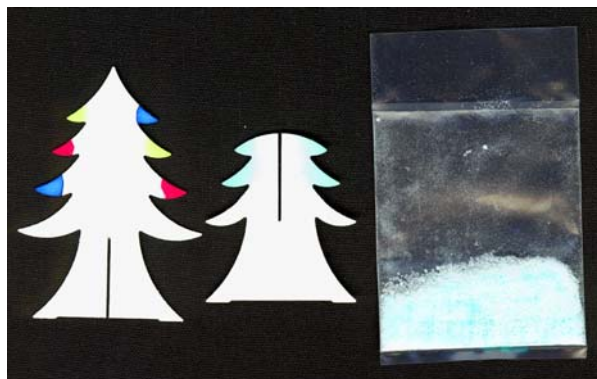
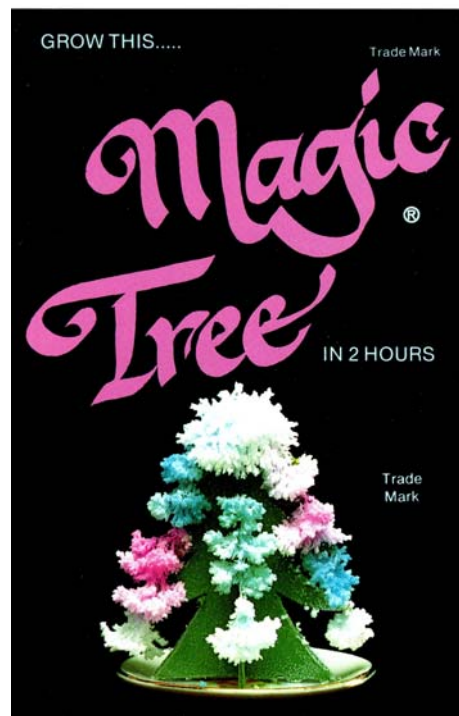
The purpose of this experiment is to investigate a Magic<sup>®</sup> Tree. A Magic<sup>®</sup> Tree is a miniature artificial tree that grows crystals on its branches. The crystals grow due to the evaporation of water from the tree.

### SAFETY PRECAUTION:

Wash your hands with soap and water after handling the powder from the Magic Tree. Although the powder is non-toxic, good safety procedures should always be observed.

### PROCEDURE:

1. Open the wrapper and remove the Magic<sup>®</sup> Tree and packet of powder.
  - a) Examine the Magic<sup>®</sup> Tree. Describe it. What is it made of?
  - b) Examine the powder. Describe it. What color is the powder?



**Figure 1.** The components of the Magic<sup>®</sup> Tree

2. Follow the directions for starting the Magic<sup>®</sup> Tree. In step 2, add 1 teaspoon of **warm** water. Note the date and time at which you place the Magic<sup>®</sup> Tree in the liquid.

Date \_\_\_\_\_ Time \_\_\_\_\_

3. Describe the changes that take place in the Magic<sup>®</sup> Tree during the first 10 to 15 minutes after it is placed in the liquid.

4. As “buds” start to appear, describe the changes that take place on the Magic<sup>®</sup> Tree. Tell how long it took for the “buds” to appear.

5. Check the Magic<sup>®</sup> Tree at 20 to 30 minute intervals until it has stopped growing. Tell the times you checked the tree and describe any changes that have occurred.

6. Note the date and time when the Magic<sup>®</sup> Tree has appeared to stop growing.

Date \_\_\_\_\_ Time \_\_\_\_\_

<sup>1</sup>Magic<sup>®</sup> Tree is a registered trademark of New Tomorrow, Inc., Garden Grove, CA.