



# Brown Dog Autumn Science

## Autumn Leaves - Absorption art

---



### Materials:

- Leaf Template
- Coffee Filters
- Markers
- Scissors
- Cups of water

### Set Up:

1. Place the coffee filter on top of the leaf template and trace it out.
  - a. If you are unable to print this page template you could always use a cookie cutter or draw a leaf shape on your own.
2. Carefully cut out the amount of leaves needed.

### Doing the Experiment:

- Have children use the markers to make a doughnut ring in the middle of the leaf.
- Fold the leaf 3 times (in half, in half and in half again) making a point in the middle of the circle.
- Have children carefully dip their leaf in the water so that only the white tip of the circle touches.
- Remove the leaf from the water and let it dry.
- Once the leaf is dry, carefully unfold it and enjoy.



### How it Works:

The dry coffee filter absorbs the water, allowing it to travel up. The markers, being water soluble, allow the color to travel with the water, spreading the ink throughout. This is a perfect visual representation of how water travels through leaves.

