

## Backyard Science

### Make a Mini Microscope



HOW TO  
**MAKE A MICROSCOPE**  
COOL SCIENCE FOR KIDS

#### Materials Needed:

- A plastic cup
- Cling wrap
- Rubber band
- Scissors
- Water
- And some interesting specimens to look at

#### Directions:

1. Using the scissors cut a hole in the bottom of the plastic cup. This does not have to be neat – it is simply an access point to get your specimens into the bottom of the cup.

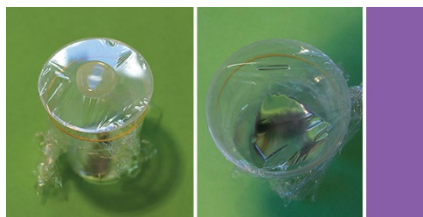
2. Stretch a piece of cling wrap over the top of the cup and secure it with a rubber band.



3. Find a specimen and place it through your cut-out hole in the bottom of the cup.

4. Pour a little water on top of the cling wrap – ideally you want a small pool of water.

5. Look at your specimen through the water. The water acts as a lens and makes your specimen look larger. This is the wow moment!!!



6. Find more specimens and look at them. You will probably have to keep adding water to the top of the cup as it will spill over.

This microscope is best used outside because of the water spillage. Getting outdoors with your microscope also gives you easy access to lots of nature based specimens.

