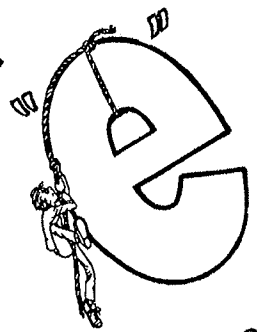


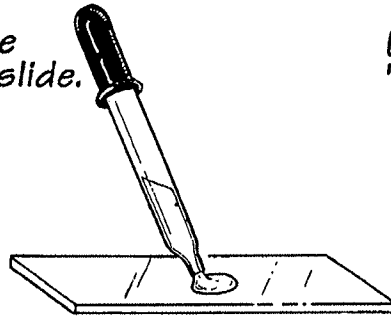
# The ENORMOUS

## Preparing A Wet Mount Slide



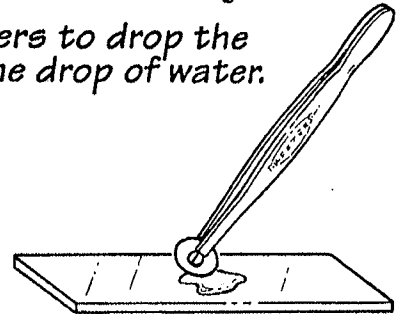
Step 1

Place water on the center of a clean slide.



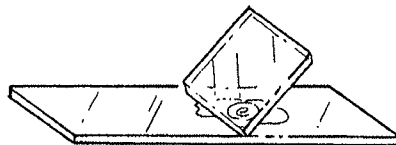
Step 2

Use tweezers to drop the "e" onto the drop of water.



Step 3

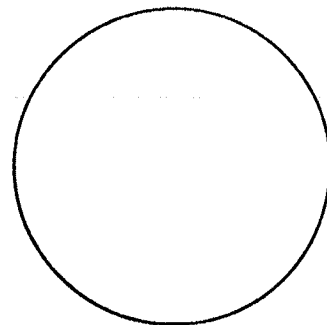
Gently touch the cover slip to the edge of the drop of water then lower the cover slip to cover the "e" and the water.



Step 4



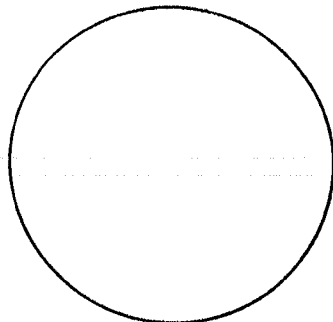
Hand Lens



\_\_\_\_\_x

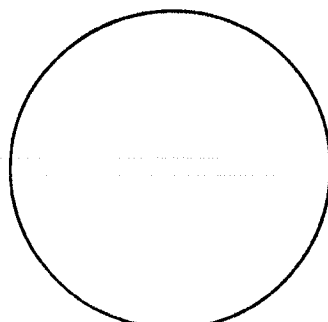
Drawings of My Enormous "e"  
Wet Mount Slide When Magnified

Low Power



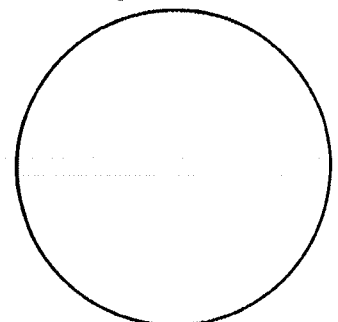
\_\_\_\_\_x

Medium Power



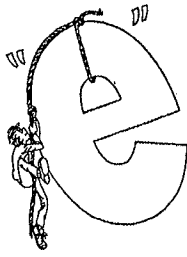
\_\_\_\_\_x

High Power



\_\_\_\_\_x

# The ENORMOUS



A supply of letter e's can be quickly made by copying this page and cutting along the solid line to separate the letters into strips. Use a hole punch to make as many individual letter e's as you need.

e e e e e e e e e e  
cut along this line

punch out e

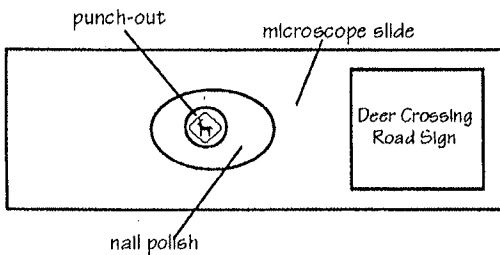
16 rows of letter 'e' strips for cutting and punching out.

# Making Your Own Sets of Inexpensive and Permanent Slides

**Note:** Prepared slides should be made only by the teacher. Do not allow students to use fingernail polish because of the strong fumes given off by it.

## Materials

- Glass slides (not plastic)
- Samples to be mounted (A sample of the 7-point character set of *Mobile*, the Macintosh® computer font, and other suggestions for samples are provided.)
- Clear fingernail polish
- Tweezers
- Small stick-on labels that fit on the end of the slide
- Straight pin

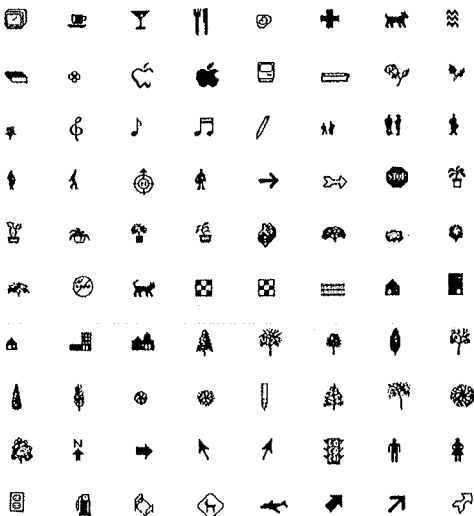


## Making Prepared Slides

### Using the Apple Macintosh® Computer Font *Mobile*

Because of the wide range and diversity of symbols, this font is a good source of symbols for making permanent, prepared slides. When viewed under a hand lens, the image of each symbol is enlarged but may or may not be inverted (depending on distance from lens to object). When viewed under a compound microscope, the image is enlarged and inverted.

Use a single-hole punch to punch out the symbol. Use the circular punch-out to make a permanent slide.



## Procedure

1. Clean a glass slide. Make sure there are no fingerprints or smudges on the slide.
2. Select a sample that you want to mount on the slide.
3. Put two or three drops of the clear fingernail polish onto the center of the slide.
4. Using tweezers, carefully put the sample on top of the fingernail polish. Hold the brush slightly above the sample on the slide and let the drops fall onto the brush. Do not touch the sample with the brush. Add just enough polish to completely cover the sample.
5. Remove air bubbles by puncturing them with a straight pin.
6. Let the slide dry for one hour.
7. When dry, use one of the stick-on labels to label the slide. Label with a permanent marker and attach the label to one end of the slide.

The permanent slides can be washed when they become dirty. They should last you for many years.

## Additional Ideas for Prepared Slides
