Enlarger Head (Light Source)

Condenser Lens

Film Stage & Negative Carrier

Lenses (Aperture controls intensity of light)

Contrast Filter Holder

Lift Lever to open Film Stage

Grain Amplifier (focusing aid)

Easel

Baseboard

Enlarger Column

Exposure Timer (Turns enlarger on & off)

Focus Knob

Elevation Control Crank (Raises and lowers enlarger head)

Carriage Lock or Brake (locks enlarger head in place)

Contrast Filters
The Enlarger Lens
The enlarger lens is like the lens on your camera. Its aperture can be made larger or smaller by moving the aperture ring on the lens. This ring, marked in **f-stops**, controls the amount of light that will reach the paper. At smaller apertures, (larger f-numbers) the print will be lighter, and at larger apertures (smaller f-numbers) the print will be darker (if everything else remains the same).

The Film Carrier
The film carrier or negative carrier holds your negatives, and has a cut-out so that the negative you have chosen to print will be centered and held flat. The carrier will be placed into the enlarger on the film stage so that the enlarger light can show through it and then through the enlarger lens and down to the photographic paper.

The Exposure Timer
The Timer turns the enlarger on and off. You set it for the amount of time you want for your exposure. The longer the time, the darker the print. This diagram is of the Graylab 450.

1. Two digit display
2. Time range controls
3. Time entry controls
4. Audio selection
5. START/RESET bar
6. AC outlet controls
7. Display intensity