

## Curved Mirror Investigation

### Purpose:

To show what a ray of light will do when reflected off curved mirrors.

### Materials:

Ray box with a triple slit

Curved mirrors

Ruler



### Part A: Concave mirror

1. Place a **concave mirror** on the paper below
2. Use the ray box to shine **3 rays** of light at the mirror
3. **Trace** the bottom edge of the mirror.
4. **Trace** the **3 light rays** as they leave the ray box and head towards the mirror.
5. **Trace** the **3 reflected rays** going away from the mirror



