

What you need:

Mirrors

A laser or a torch with black paper over it and a pinhole in the black paper

Blue tack

Piece of paper

What you do:

1. We know that the angle of incidence equals the angle of reflection so set up your mirrors so that they reflect light from mirror to mirror. When you're happy with your positioning, secure the mirrors in place with bluetack
2. Shine your laser at the right angle into the first mirror.
3. Hold your paper up where the light should be reflected from the last mirror. Did it work?