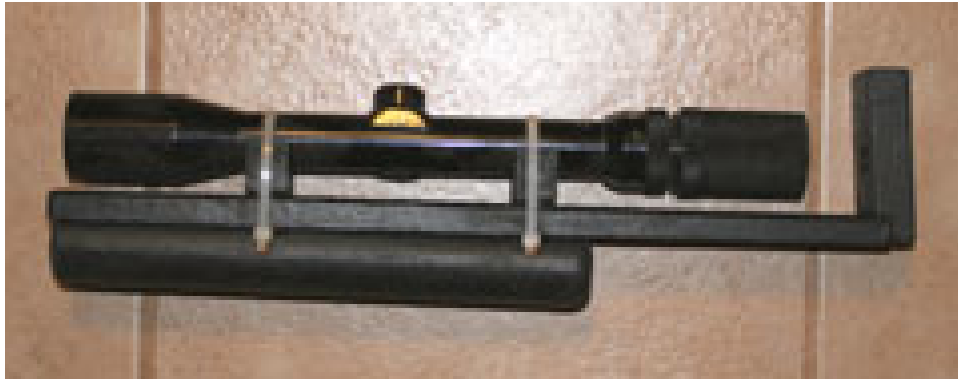


## Riflescope = Telescope!



The problem with using a rifle scope as a telescope is that everything gets out of focus when you put the rifle scope up to your eye. When a rifle scope is mounted on a rifle, there is space (called "relief") between the scope and your eye. (Rifle recoil would get your eye, if there were no relief. What a relief relief is!)

The illustration shows a 3X x 9X riflescope on a 1" x 2" board. The board replaces the rifle stock. On the right end of the board is a vertical piece of wood with a  $\frac{1}{2}$ " hole in it. You look through this hole as a sighting hole. It is located exactly where your eye can look through the hole, be lined up with the scope, and be far enough from the end of the riflescope lens to be in focus.

There's an optional grip for your hand on the left side of the board. I made it from a piece of 1" dowel, sanded smooth on top.

To use the riflescope as a telescope, put your eye against the hole in the sighting board, and move the rifle scope on the board until it is in focus. Mount the riflescope on the 1" x 2" board with plastic tie-wraps. Most scopes have additional focusing by twisting the rear end of the scope.

Now, what is this good for? It can replace binoculars, with a variable 3X to 9X magnification. It's good for looking at stars and finding constellations. It replaces the riflescope on a rifle when you want the magnification of a telescope but do not want to appear threatening by pointing a rifle at someone or something.

This is a cheap, handy telescope that you can buy at a garage sale and make with scrap wood.