Loss of Vision in One Eye

Goal:

Students will experience the loss of depth perception if vision in one eye is lost.

Supplies:

2 pair Safety glasses – tape over one side completely (note: right eye is probably best since most people are right eye dominate
Foam ball or soft rubber ball

Procedure:

1. Ask for two volunteers. Place them about four feet apart and have them play catch. Move them about eight feet apart and play catch again. Ask them if they had any difficulty playing catch.
2. Have each put on a pair of safety glass that has one eye covered. Again, place them about four feet apart and have them play catch. This is usually difficult for most people. Move them back to the eight feet distance and repeat. Ask them if had any difficulty playing catch this time. Assuming they say yes, ask them to describe the difficulty.
3. Have other students pair up and repeat playing catch with the covered glasses.
4. Lead a class discussion about what other activities would be difficult with the loss of an eye.

Instructor Notes:

Choose a light weight ball. A flexible foam ball is best as it is difficult to catch, air currents tend to move them around in flight.

Resources:

None