

Entertainment Technology

3-D!

Most human beings see the world in 3-D. Our vision relies on the fact that our eyes are about three inches apart. The space between our eyes means that we can see depth, because each eye sees things slightly differently. Our brain interprets the difference. 3-D works by copying the way our eyes see things.

Live-action 3-D movies are made with special cameras that film the same scenes from slightly different angles (computer programs create the same effect in animated movies). In most cases, special glasses are required to filter the images and make them appear in 3-D. Without the glasses, the film appears blurry. This is changing quickly, though, as more companies work with 3-D technology. In the future, people may not need any extra equipment to see movies or TV shows in 3-D!

To Make Your Own Glasses

Ask an adult to help you with these steps.

1. Start with an old pair of sunglasses that you don't use anymore. (You could also find an inexpensive new pair at a dollar store.) Carefully pop out the plastic lenses.
2. Cut out two holes the same size as the lenses in a clear sheet of transparency, cellophane, or acetate. (You can use the original lenses as templates.)
3. Use markers to color one lens red and one blue. (Do a little research to see why red and blue are used.)
4. Place the new lenses into the frame. Red goes on the left side, blue goes on the right. Try them out with a 3-D photo!