

# 3.10

## A Safe Way to Observe the Sun

### USING SPECIAL ECLIPSE GLASSES



1. Usually made of paper, these glasses remind people of some of the ones you get when you go to a 3D movie, but these have special lenses that protect your eyes. The part of the glasses in front of your eyes is made of a dark material (Mylar, black polymer) that is effective at cutting down the rays of the Sun to a level that does not hurt your eyes.
2. Before using the glasses, check the dark material for scratches, holes, or other damage and discard any glasses that have problems. Also, be sure that you put on the glasses snugly, putting the handles behind both ears. You don't want them falling off when you move or turn your head.
3. Note that if there are really large sunspot groups on the Sun, sometimes you can see them with just your eyes when you are wearing these glasses.

#### **Safety note:**

Looking directly at the Sun is dangerous to your eyes, so don't try viewing the Sun without your teacher's guidance.

