

As we get older, the lenses in our eyes lose their flexibility. This causes a problem called presbyopia, which is characterized by difficult seeing things that are close up.

What type of lens would be used to assist with this problem?

CONVEX → usually only to read

— A **cataract** develops when the lens becomes OPAQUE. This condition often develops with age, but it may also be due to injury, or other factors.

The most common way to deal with cataracts is simply to remove the lens with surgery. Then, in order to allow the person to focus again, a new lens is provided. They can wear glasses, or a new lens can be inserted right into their eye!

**Glaucoma** is a loss of peripheral vision due to damage to the optic nerve. The cause of glaucoma is not clear. There is no cure, but early diagnosis can slow the progress of the disease.

— **Trachoma** is a disease that is not common in Canada. However, it threatens to blind hundreds of millions of people around the world.

It is caused by a bacterium called chlamydia trachomatis. It is especially common in countries affected by poverty.

The disease can be prevented with: proper hygiene

And can be treated with: antibiotics

In your opinion, why is trachoma not a common disease in Canada?

- Read pages 202-207 in your textbook
- Do Activity 6-2 on page 207
- Create poster summarizing the information on Pg. 208-210