REFRACTIVE ERRORS

**Normal Eye**
- Light rays focus on the retina

**Myopia**
- Light rays focus in front of the retina
- What is at the back?
  - You are able to see clearly the objects which are close to you. But what about those at a distance? Are they hazy? This condition wherein distant objects appear hazy is called myopia. This can be corrected with spectacles with concave lenses or contact lenses.

**Astigmatism**
- Light rays focus on more than one point (unequal refraction of light in different meridians)
- Oh! Such a distorted face!
  - Objects appear distorted to you while others see them straight. You might have an error in one particular axis alone leading to distortion of images. You can get it corrected with spectacles.

**Hypermetropia**
- Light rays focus behind the retina
- Do you see distant objects clearly than near objects?
  - You have Hypermetropia. You can wear spectacles with convex lenses and see objects equally well at near distance.