



## One Pair of Eyes© CURRICULUM OUTLINE for 7<sup>th</sup> & 8<sup>th</sup> Grade

### 7<sup>th</sup> & 8<sup>th</sup> Grade Classrooms (for Science and/or Health only)

School should commit to 2 to 3 classroom periods.

#### PHYSICAL SCIENCE and/or HEALTH

1. Anatomy & Physiology Basics, Injury and Prevention PowerPoint
2. Low-Vision Simulations
3. Create 2D or 3D Models (choice)
  - a. Scale Model of the eye (demonstrating anatomy, could be in-tact or injured eye)
  - b. Scale Small-to-Large Grid (demonstrating anatomy or some other concept taught such as colorblind test)
4. Role-Play Eye Safety Skits (Think Fast First Aid)

### 7<sup>th</sup> & 8<sup>th</sup> Grade Classrooms using an Integrated Curriculum Model

School may commit to one full day for Eye Health & Safety, or a total of 6 class periods.

1. SCIENCE: Anatomy & Physiology Basics, Injury and Prevention PowerPoint
2. HEALTH: Low-Vision Simulations, Role-Play Eye Safety Skits (Think Fast First Aid)
3. HISTORY/SOCIAL SCIENCE: Have students research and report on (choice of)
  - a. History of seeing eye dogs
  - b. History of eyewear
  - c. Invention of contact lenses
  - d. Surgical/medical advances in eye health
  - e. People in history who had vision impairment or made discoveries (naming of Canals of Schlemm, James Thurber, etc.)
4. LANGUAGE ARTS: Have students research and report on (choice of)
  - a. Folklore and symbols (All-Seeing Eye, Eye-in-Hand, Evil Eye)
  - b. Fiction & non-fiction books, short stories, films & music relating to vision
  - c. Expressions (“I see,” having a “vision” for the company, blind as a bat, sight for sore eyes, etc.)
  - d. Imagine going through a day (a school day, a holiday, a vacation, a weekend, etc.) without your vision. Write out the story of your day.
5. (5. and 6.) VISUAL ARTS & MATH: 2D/3D models (2 class periods)
  - a. Create Scale Model of the eye (demonstrating anatomy, could be in-tact or injured eye)
  - b. Create Scale Small-to-Large Grid (demonstrating anatomy or some other concept taught in science such as colorblind test)

Article on the integrated approach to MS curriculum organization:

<http://www.nmsa.org/Publications/WebExclusive/Organizing/tabid/651/Default.aspx>