**Eye Condition Snippet**

**Condition Name:** Achromatopsia (Rod Monochromatism) or (Stationary Cone Dystrophy)

**Description:** It is a stationary, inherited genetic condition that the student is born with; it is not a progressive so it should not get any worse as the student grows up. The cone photoreceptors in the retina do not work correctly. May be associated with Nystagmus, a fine wobble of the eyes and High Hypermytropia (long sight) Peripheral visual fields usually intact, this is because peripheral vision is mediated by rods and cones whereas central vision and acuity are mediated by cones only. Currently no treatment for retinal dystrophy but the associated refractive error may be corrected.

**Effects on Vision:** Vision is blurred (reduced visual acuity often around 6/60), no colour vision and Photophobia (an aversion to bright light) Student may notice vision is worse in bright light and better in dim light (especially central vision).

**Educational implications:** Considerations and adaptations for the level of visual acuity and reduced or absent colour vision. LVA or large print recommended, coloured charts or diagrams will need some pattern marking. Environmental factors to consider, dim light, dark glasses or peaked cap. Student may rely on peripheral vision for O&M but will need time to adjust to different lighting conditions. Glare from computer screen or white board can be reduced by reversing polarity or choosing a warmer background shade.