**Eye Conditions Snippet**

**Condition Name:** Rod-Cone Dystrophy

**Description:** This is the general name given to a wide range of conditions characterized by problems with the rod and cone photoreceptors. It is congenital and hereditary. It is related to Retinitis Pigmentosa, Leber’s Amaurosis and Usher’s Syndrome in its effects on vision.

**Effects on Vision:** If the rods are most affected the student will have blurring around the periphery as well as difficulty seeing in low light. If the cones are most affected the student will have blurred central vision as well as decreased colour vision. They may also be photophobic. Visual acuity is affected depending on the degree and areas affected. However, since both rods and cone are involved, most students will have greatly reduced eyesight.

**Educational implications:** Students will benefit from text enlargement and low vision aids. Lighting will need to be considered as the student will not function well in very low light, nor will they function well in very bright light. The student may benefit from tinted glasses. Mobility may be affected due to the loss of visual acuity and the changing lighting conditions that may occur outdoors.