Eye Condition Snippet

**Condition Name:** Septo-Optic Dysplasia

**Description:** A congenital underdevelopment of one or both optic nerves (the wiring which carries information to the visual brain) and the septum (the thin wall which connects both halves of the brain). This occurs when there is a disturbance of the developing optic nerve or brain, it may be genetic or caused by other factors. Associated conditions include nystagmus (fine wobble of the eyes) and possible pituitary and hormone disturbances. Patching of the better eye may be indicated to encourage visual development in the affected eye.

**Effects on Vision:** Depending on the severity of the condition and if one or both eyes are affected. Sometimes the effects can be small, but were more of the nerves have not developed then less information is transferred and the student will have poor vision. If only the top of bottom half of the optic nerve is affected then the student will have blurred vision in the opposite visual field.

**Educational implications:** This very much depends on the degree of visual impairment and will have to be assessed on a case by case basis, where there is visual field loss consideration will have to be made to placement in the class to utilize the better field. Loss of visual acuity will require a functional vision assessment to determine appropriate accommodations and resources. If impairment is severe a learning media assessment and O & M would be recommended.