

# Vision and Sensory Integration

## Connecting Vision and Body

**Bryan Smith** B.Optom, FACBO, FCOVD



**Behavioural/Developmental Optometry**  
**Neuro-Optometric Rehabilitation**  
**Optometric Phototherapy**  
**Children's Vision**  
**Sports Vision**

### Traditional Vision Care



Adults    Young Adults    Contact lenses    Elderly & Low Vision

### ...and beyond



Children's Vision    Behavioural & Learning problems    Head Injury & Rehabilitation Care    Sports Vision

We go beyond the Traditional Vision Care and assess the “whole” visual system (central and peripheral vision) in an innovative way that allows better **Vision and Sensory Integration**



Both visions are assessed under more natural conditions

### Peripheral Vision



Traditional testing excludes peripheral vision

### Central Vision



Central vision provides information for “What is it?” and allows us to identify objects

Peripheral vision provides information for “Where Am I/ Where is it?” and enables visually guided movement such as pointing along with posture, balance and movement

## How can this help you?

Prevent vision problems and eye problems from developing.

Provide vision improvement, remediation or rehabilitation for vision or eye problems that have already developed (e.g. eye turn, shortsightedness, visual problems due to brain trauma etc)

## What are your symptoms?

If you have one or more of the following signs and symptoms an assessment of the “whole” visual system is recommended.

Problems with reading and learning
Difficulty with physical activity and sport
Blurred vision
Intolerance to light
Double vision
Poor handwriting
Reading slowly
Eye turns
Difficulty catching/hitting a ball
Avoiding close work
Loss of place when reading, writing or copying
Inability to distinguish colours
Persistent headaches

Comprehension and attention difficulties
Balance problems
Abnormal posture
Persistent clumsiness
Persistent motion sickness
Vertigo
Anxiety problems
Fear of heights
Fear of enclosed spaces
Fear of open spaces
Persistent dizziness and nausea
Persistent muscle tension
Eyes “hurt” or “tired”

**Vision and Sensory Integration** helps people with the following conditions

**All Visual Problems**

**Tunnel Vision/Depth Perception**

**Eye turns**

**Anxiety and Spatial Organisation Issues**

**Motion Sickness/ Vertigo**

**Attention Deficit Disorders**

**Autistic Spectrum Disorders**

**Learning Difficulties**

***All children should be checked at 6 months of age, 2 ½ years, before commencing school, then yearly thereafter***

**Bryan Smith B.Optom, FACBO, FCOVD**

Bryan graduated from the University of New South Wales, Australia in 1991. He has Fellowships of both the Australasian College of Behavioural Optometrists (ACBO) and College of Optometrists in Vision Development (COVD). Bryan has a special interest in Children’s Vision, Neuro-Optometric Rehabilitation and Sports Vision.

## Contact details

### **Mondays** (monthly)

Learning Connections Centre  
Chapel Street  
Brisbane, Qld 4000 (Free parking behind  
centre)  
Ph. 07 3369 1011

### **Tuesdays**

Bracken Ridge Natural Therapies  
Shop 9, 57 Gawain Road  
Bracken Ridge, Qld 4017  
Ph 07 3261 5436

### **Wednesdays**

Mediwell Medical Centre  
314 Old Cleveland Road  
Coorparoo, Qld 4151  
Ph 07 3395 2455

### **Thursdays**

Fruition Tuition  
Maths English Science Tuition  
Contact National Office for clinic  
locations Ph 07 3862 3255

### **Fridays**

Tyquin Group Speech Pathology and  
Reading Clinic  
21B Godwin St  
Bulimba, Qld 4171  
Ph 07 3399 8028

### **Saturdays** (fortnightly)

Sports Vision Clinic  
Queensland Rifle Association  
QRA Training Centre, Belmont Range,  
1485 Old Cleveland Road, Qld 4153  
Mobile: 0404 5404 97

**Postal Address: Bryan Smith P.O. Box 320 Carina, Qld 4152**

**Tel: 0404 540 497 Fax: (07) 3398 8924**

**Email: [bryansmith@vsi.net.au](mailto:bryansmith@vsi.net.au) Web: [www.vsi.net.au](http://www.vsi.net.au)**



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