Information Gathering Tools and Resources

Understanding Visual Functioning in students with vision impairment and additional disabilities

Presented by Andy Nielson and Bronwyn Hein
Data Gathering Process...

Private Ophthalmologist & Optometrist

Educators

AVT VI

PLVC
PAEDIATRIC LOW VISION CLINIC

Full eye examination
Refraction
Pressures
Visual Acuities
Visual Fields
Recommendations for:
  • further investigation
  • optimising functional vision
  • Rx / low vision aids
Research

AVT’S VI, TEACHERS VI

Functional vision assessments
Implementation
Monitoring
Clinic to classroom ➔ ↔
Feedback
Liaison
Systemic responsibilities

Information Gathering
THE TEAM

Parents
Class Teacher
AVT VI
Teacher Aide
Physiotherapist
Occupational Therapist
Speech Language Pathologist
Guidance Officer
PLVC

THE CHILD
How can educators assist clinicians?

*Given the variable performance of the child:*

- Detailed observations
- Multidisciplinary Team Collaboration
- Discussions
- Feedback (formal and informal)
Data Gathering Tools

- Checklists
- Videos
- Interviews
- Questionnaires
- Photos
Visual Functioning

what?

1. A snapshot or profile taken during a specific period

2. A direction for future intervention

3. Follow-up snapshots can incorporate the outcomes of a number of interventions
Parent/Carer Interviews

Parent/Carer Questionnaires

* Narbethong School examples
FORMAL

Use of Sensory Channels – V, T, A
(Koenig & Holbrook)

Profile of Visual Functioning (Hein)

Observation profiles – (Narbethong)
USE OF SENSORY CHANNELS

RECORDING

• Vision
• Tactile
• Auditory
Data Gathering

Formal

- Environment
- Status of student
- People involved
- Objects viewed
  - familiar/unfamiliar
  - size/shape/colour
- Distance viewed
- Latency
- Fixation preferences
Visual Observation 1
Visual Observation 2
Observation 3
Observation 4
Which eye is being used?
When Observing note:

✔ Is vision being used?

✔ What is the child’s primary sense?

✔ Is vision used as a confirmatory sense?

✔ When evaluating vision are we sure of its relevance to the child’s learning?

✔ Influences of other senses on vision

CVI - When is it vision?