

CVI-Informed Checklist for AAC Design

Assessments

The following are some of the assessments that the information may be gathered from:

- ☐ [Perkins CVI Protocol Assessment](#)
- ☐ [Alternative & Augmentative Communication \(AAC\)/ Cortical Visual Impairment \(CVI\) Matrix](#)
- ☐ Functional Vision Assessment
- ☐ CVI Range
- ☐ Other:

Ocular Visual Profile

- Acuity:
- Corrective lenses: Yes No
- Other contributing factors:

Visual Behaviour Profile

- Colour Preference:
- Visual latency – approximate time needed to visually process a symbol:
- Field preference / deficit:
- Need for Movement: Yes No
- Visual complexity tolerance (eg. background clutter, symbol detail):

- Light-gazing or light preference: Yes No

- Distance viewing ability:

- Visual novelty tolerance
 - ☐ The student can only perceive familiar objects.
 - ☐ The student appears anxious when presented with novel visual stimuli.
 - ☐ The student cannot perceive novel visual stimuli.

- Visual-motor integration: Can the student look and touch simultaneously: Yes No

Current Symbol Design

Describe the current symbols the student is using, as well as the systems that are being used.

- Symbol type and description
 - ☐ Real object:

 - ☐ Photo with simplified background:

 - ☐ Photo with complex background:

 - ☐ Line drawing:

 - ☐ Abstract symbol:

 - ☐ Braille label:

 - ☐ Other:

- Symbol description
 - ☐ Size:

 - ☐ Brand (SymbolStix, PCS, etc):

- Contrast and Background
 - ☐ High contrast
 - ☐ Solid background
 - ☐ Preferred colour/s:
- Number of symbols per array:
- Spacing between symbols
 - ☐ Increased spacing to reduce crowding
 - ☐ Colour of spacing:
- Auditory feedback
 - ☐ Scanning
 - ☐ Fishing
- AAC trials and description
 - ☐ No-tech (tactile, paper):
 - ☐ Low-tech (Big Mack, Step-by-Step, Go Talk):
 - ☐ High-tech AAC system trialled:

Environmental Factors

Which of the following environmental factors impact the student's ability to use the visual channel for gathering information?

- Lighting
 - Natural
 - Artificial
 - Glare
- Positioning of target
 - ☐ Angle:
 - ☐ Distance:
 - ☐ Field of view:

- Use of visual supports
 - ☐ Spotlight
 - ☐ Coloured pointer
 - ☐ Backlight
 - ☐ Other:
- Familiarity of the target (eg. favourite toy, face, cup):

Information from Team Members

Is there anything else you would like to report based on other reports or specialists?