

Processing Speed Index

- Requires visual perception and organization, visual scanning, and hand-eye coordination
- Assesses ability to focus attention and scan quickly, and the ability to discriminate and order visual information
- Requires persistence and planning
- Sensitive to motivation, time pressure, and coordination
- Related to working memory (i.e., decreased processing speed can negatively affect working memory processes)

Subtests

Coding

- Speed and accuracy (fine motor control)
- Incidental learning
- Visual-motor dexterity
- Non-verbal short-term memory

Tasks

- For children 6-7 – place a mark within all figures so they match the key
- For children 8-16 – write the correct symbol in each box
- Example:

1	2	3	4	5
⌋	⌋	∞	^	=

5	4	4	3	4	2	2	2	5	5	5	3	1	5	5
1	1	2	1	5	4	4	4	2	1	3	5	5	1	5
4	3	1	3	1	3	4	3	1	3	2	5	4	3	4

Symbol Search

- Mental processing speed
- Mental processing accuracy
- Perception and recognition
- Attention and concentration

- Determine whether the target symbol (a geometric form) appears within a group of symbols

Cancellation (supplemental)

- Processing speed
- Processing visual information
- Selective visual attention
- Visual neglect and vigilance

- Scan a two-page spread of colourful pictures and identify all appearances of the target item
- Example:

