



BrainWare Safari develops 41 cognitive skills: Cognitive skill development can lead to observable behavioral changes:

Attention Skills (6)

- Visual Sustained Attention
- Auditory Sustained Attention
- Visual Selective Attention
- Auditory Selective Attention
- Divided Attention
- Flexible Attention

Visual Processing Skills (9)

- Visual Discrimination
- Visual Figure Ground
- Visual Form Consistency
- Directionality
- Visual Span
- Visual Simultaneous Processing
- Visual Sequential Processing
- Visualization
- Visual Processing Speed

Auditory Processing Skills (3)

- Auditory Discrimination
- Auditory Sequential Processing
- Auditory Processing Speed

Sensory Integration Skills (5)

- Oculomotor Skills
- Visual-Motor Integration
- Auditory-Motor Integration
- Timing-Rhythm
- Visual-Auditory Integration

Memory Skills (10)

- Visual Short-Term Sensory Memory
- Auditory Short-Term Sensory Memory
- Visual Short-Term Immediate Memory
- Auditory Short-Term Immediate Memory
- Working Memory
- Visual Spatial Memory
- Long-Term Memory
- Visual Sequential Memory
- Auditory Sequential Memory
- Visual Simultaneous Memory

Thinking Skills (8)

- Logic
- Reasoning
- Planning
- Problem Solving
- Strategic Thinking
- Visual Thinking
- Conceptual Thinking
- Decision Speed

As cognitive skills are developed, individuals often exhibit behavioral changes that can be observed by those around them. Specific changes and the degree of those changes will vary by individual. Some changes may occur over an extended period of time, as the individual's acquisition of knowledge accelerates. Here are some of the changes clinicians and educators suggest looking for:

- Improved attention span and focus
- Less distractibility
- More self-confidence
- Fewer careless errors
- Completion of tasks faster and more accurately
- Less frustration with difficult tasks
- Increased attention to detail
- Improved ability to follow directions
- Increased retention of learned materials
- Faster recall of information
- Improved visualization
- Better reading comprehension
- Enhanced thinking ability
- Increased motivation and effort
- Greater ability to handle challenges and setbacks
- Improved academic and work performance
- Increased productivity
- Better communication with parents, peers, and teachers
- Higher expectations and aspirations
- More positive overall attitude about learning and life

Each individual starts with different strengths and weaknesses in cognitive skills. As cognitive skills are not the only factors that can impact behaviors such as the above; individual experiences and results will vary.