

Genetic Dominance Profile test

1 Bilateral or Homolateral person

Cannot be determined (equal values)

2 Left brain or Right brain dominance

Participants with logic-brained talents (left-brained) focus on details and structure and are more often positively reinforced with "Gifted" and "Talented" label by the educational system. They are more likely to have high self-esteem and experience less stress, because schoolwork is geared towards their competencies (Fourie, 1998:19). With less stress they have a better chance of obtaining more integrative learning strategies, nerve-net development and myelination across the corpus callosum (Dennison, 1981:36).

Receptive or Expresive learner

A receptive and/or absorbing learner will focus attention to the back brain which make them a more reserved learner, who prefers to absorb information and think about it before saying anything (De Jager 2001:32).

4 Thinker/Rational controlled or Feeler/emosional person

If he/she is a thinker he/she will be a more rational controlled person. He/she may tend to distance him-/herself in emotional situations. They may also be able to give rational and practical advice with realistic solutions in stressful situations. For them it is more important to be task-oriented and objective (De Jager 2001:33).

5 Left eye or Right eye dominand

People who are left eye dominant often experience difficulty with reading a language like English. Letter reversals often appear. A person who is left/gestalt eye dominant will prefer videos, photographs and diagrams to books, words and numbers (De Jager 2001:31).

6 Left ear or Right ear dominand

The right ear dominant person listens to words, human speech, details and the lyrics of music and "WHAT" is being said. This ear breaks sounds down into small pieces (De Jager 2001:30).

7 Left hand or Right hand dominand

This person usually expresses him-/herself through non-verbal gestures, emotions, and facial expression. Such a person is an experiential learner and needs to move around more (De Jager 2001:34).

8 Visual learner, Auditive learner and Kinaesthetic learner

Auditory learners are at their best with the spoken word. They speak at a medium speed. People who learn in this way uses phrases such as "I hear you" or "Clear as a bell", and open sentences with the word "Listen..." They enjoy listening to the radio or to music. They sometimes move their lips when they read.

Homolateral learners are limited to "one-side" thinking, accessing one side of the brain at a time in alternating to be more difficulty with crossing the midline. The first step towards effective learning is to use both brain hemispheres simultaneously in a bilateral fashion (Fourie, 1998:6).
3 Participants with logic-brained talents (left-brained) focus on details and structure and are more often positively reinforced with "Gifted" and "Talented" label by the educational system. They are more likely to have high self-esteem and experience less stress, because schoolwork is geared towards their competencies (Fourie, 1998:19). With less stress they have a better chance of obtaining more integrative learning strategies, nerve-net development and myelination across the corpus callosum (Dennison, 1981:36).
The participants with gestalt processing and low linear verbal skills were more frequently labelled as "learning disabled"/"Special Education". Gestalt processors (right-brained) are able to take the big image and feel the emotion, all elements that are crucial to creativity If they are not adequately using their left-brains they will have difficulty managing details and linear processing. These children begin to judge themselves as "losers". Gestalt learners battle to make it through our educational system (Hannaford, 1995:179).

- If he/she is a thinker he/she will be a more rational controlled person. He/she may tend to distance him-/herself in emotional situations. They may also be able to give rational and practical advice with realistic solutions in stressful situations. For them it is more important to be task-oriented and objective (De Jager 2001:33).
- People who are left eye dominant often experience difficulty with reading a language like English. Letter reversals often appear. A person who is left/gestalt eye dominant will prefer videos, photographs and diagrams to books, words and numbers (De Jager 2001:31).

 The right language/analytic eye prefers to track from left to right. Therefore this eye is often referred to as the reading eye. People who are right language/analytic eye dominant usually experience more ease with reading (De Jager 2001:31).
- The right ear dominant person listens to words, human speech, details and the lyrics of music and "WHAT" is being said. This ear breaks sounds down into small pieces (De Jager 2001:30).

The left / gestalt / tonal ear listens to emotions, rhythms, sounds and "HOW" things are said (De Jager 2001:30).

Bilateral learner's process information with both hemispheres "switched on" at the same time. This makes learning easy and speeds up a person's learning performance (Fourie, 1998:8).

eg Cannot be determined (equal values)

This person usually expresses him-/herself very well through verbal and/or written communication. Such a person is usually good with talking and/or writing and fine motor exercise like writing and using tools with intention.

A receptive and/or absorbing learner will focus attention to the back brain which make them a more reserved learner, who prefers to absorb information and think about it before saying anything (De Jager 2001:32).

An expressive or talkative learner focuses attention to the front brain (frontal lobes) which makes them more verbally oriented and able to express themselves through language (De Jager 2001:32).

- 14 This person usually expresses him-/herself through non-verbal gestures, emotions, and facial expression. Such a person is an experiential learner and needs to move around more (De Jager 2001:34).
- 15 Visual Learners assimilate informasion visually and tend to speak quickly but inacccurately. Their brain visualises everything at a faster pace that they can articulate. Consequently they often enjoy drawing and watching television.

If he/she is a feeler he/she will be a more emotional type of person. Feeling is more important to them than thinking. They tend to act intuitively and sometimes experience intense emotions during stress, but may also be very sensitive to other people's feelings. For them it is more important to be people oriented and emotional (De Jager 2001:33).

- Auditory learners are at their best with the spoken word. They speak at a medium speed. People who learn in this way uses phrases such as "I hear you" or "Clear as a bell", and open sentences with the word "Listen...." They enjoy listening to the radio or to music. They sometimes move their lips when they read.
- People who learn kinesthetically are physical oriented in every way: They enjoy physical contact, they often stand close to other people when they are talking to them. They speak slowly and deliberatly and use phrases such as, "This feels right to me" They may use a guide when they are reading.