

## Chapter 6 – More than Math and Verbal Scores

As part of earning my education degree, I learn about eight-intelligences from Professor Howard Gardner's work. Dr. Gardner is a highly regarded developmental psychologist specializing in cognition in education – specializing in noticing and documenting *nearly all* forms of the intelligence that people use to teach and learn things.

It is possible that Dr. Gardner's observed learning intelligences are initially exposed to people in some sequence, or that this list isn't all-inclusive, but it is a list that is incredibly helpful for trainers, for self-directed students, or for people with any will to offer something to be learned; these intelligences are listed essentially as:

1. Musical- Rhythmic
2. Body- Kinesthetic
3. Visual- Spatial
4. Naturalistic- of Nature
5. Verbal-Linguistic – Competent One-Way Communication
6. Math- Logical Reasoning
7. Intrapersonal- An Accurate Self Portrayal
8. Interpersonal- Competent Back-and-Forth Communication

In the larger analysis, to teach myself the subjects I want and need to form the courages to balance my life, I need to be brave enough to learn how to gain enough courage in this foundational subject of intelligence. I want to be smart enough to have the right *intelligences* without constantly having to search for them.

Learning is an iterative process where I can't just go straight to astronaut; I learn the crudest tools to form some better tools, and through a series of refining the better tools, I end up with the best and finest tools to better anticipate problems and to identify and conquer my fears...a little at a time and *one-courage* at a time.

I find ways to assess or increase the types of intelligence that are connected to my using some forms of my more emotional communication. Some studies show how an expectant mother's first-term estrogen wash of her fetus eliminates most (about 80%) of a male fetus's neurons used for his emotional communication. With all of technology's externally made chemicals that can now be ingested and even stored long-term within the mother, a child's counter-gender, gender-neutral, or autistic personality predispositions might very well have to do with an estrogen wash that is less complete, too complete, or wrongly initiated.

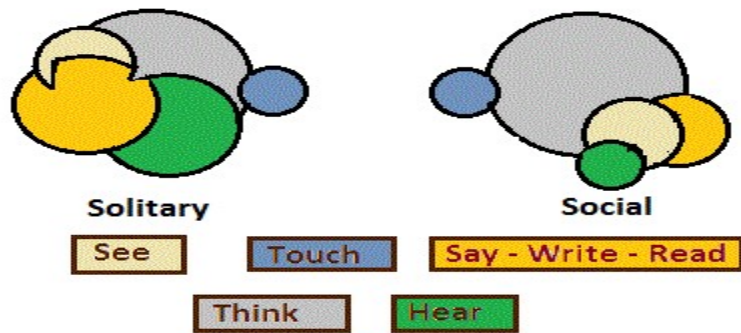
Coupling my birth's emotional communication ability with accepting my limiting and excelling intelligences helps me find the ***related learning styles*** where I learn the in the best and fastest ways:

1. Spatial: Using pictures, images, and spatial relationships.
2. Auditory-musical: Incorporating sound, rhythm, and music.
3. Verbal: The roles that words play in speech and writing.
4. Physical (kinesthetic): Hands-on using the body and touch.
5. Mathematical: A systems approach with logic and reasoning.

Emotions play an incredible role in learning because people tend to remember the emotionally active situations over boring situations; facilitators who add different learning styles to their content are also adding a little-bit of emotional participation. An important question to ask is which of: seeing, hearing, saying, doing, or figuring-out, will provide a *slightly* more emotionally charged way of learning?

These next two learning characteristics help me filter the ways that the other-five learning styles work for me, because my learning occurs in both groups and when I am alone.

6. Solitary (intrapersonal): Self-study alone.
7. Social (interpersonal): Learn in groups and with others.



The above picture represents learning for me; I use larger circles for my best learning styles, and smaller circles for my worst ones. For my example (at this time), hearing is less important to me socially than when I study alone, probably because I get too distracted when more than one voice comes at me at the same time. I can choose to avoid listening or I can choose to develop my courage and abilities in *listening socially* to gain the most benefit.

The astrologers make a significant science of showing how people born on certain days of varied astrological signs predispose themselves to certain personality traits. If the astrologers are on to something, my thought is that an embryo's initial personality is sealed at the moment of conception; that the zodiac signs might be about nine-months out of sync with what most people believe. What if - the instant that the fertilization chemical reaction occurs, the embryo takes an initial look to the position of all of the stars and planets to somehow map its initial personality intelligence levels into his or her DNA (or some other personal chemical storage)?

I have no proof at all what makes people unique, except that people use these eight known forms of intelligence with different aptitudes and preferences that somehow mesh with their emotional communication neuron count. If an estrogen-wash heavily influences a child's emotional communication personality style, it is no fault of the child; it becomes wrong to assign blame, responsibility, or any accountability to a person lacking control of this circumstance – control of being born with or without stereotyped sex-designated emotional expression style.