

Howard Gardner

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The biggest mistake of past centuries in teaching has been to treat all students as if they were variants of the same individual and thus to feel justified in teaching them all the same subjects the same way.

— *Howard Gardner* —

AZ QUOTES

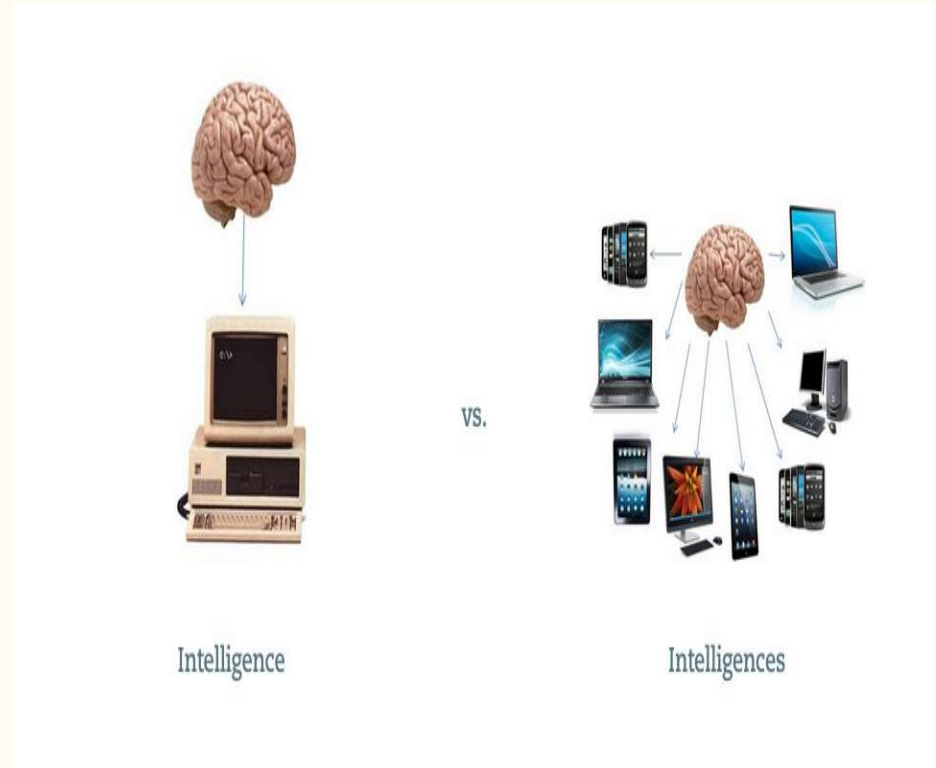
Background

- Developmental Psychologist
- Harvard University
- Mentored by Eric Erickson
- Inspired by John Piaget
- Received honorary degrees from thirty-one colleges and universities, including institutions in Bulgaria, Canada, Chile, Greece, Ireland, Israel, Italy, South Korea, and Spain.



What is the Theory of Multiple Intelligences?

- Critique of the standard theory of a unilinear IQ
- Various forms of intelligence
- Single intelligence = Single general computer
- Multiple intelligence = several relatively independent computers



Inspiration

- He worked with people from extreme populations
 - Autistic savants = Skilled in music but severely impaired language and social skills
 - Brain damaged patients = loss of specific skill (i.e. face recognition)
 - Noticed children were like this (some better at certain tasks such as music, sports, etc. than others)
- This led to his book called *Frames of mind. The theory of multiple intelligences.*

Components of Multiple Intelligence Theory

- Linguistic
- Logical-Mathematical
- Spatial
- Musical
- Naturalist
- Bodily-Kinesthetic
- Interpersonal
- Intrapersonal
- Naturalistic

Theories defined

The Multiple Intelligences (MI) Chart

Verbal/linguistic intelligence

- using language to present your ideas, to express your feelings or to persuade others

Logical/mathematical intelligence

- reasoning, logical thinking; handling mathematical problems

Visual/spatial intelligence

- creating and interpreting visual images; thinking in three dimensions

Bodily/kinesthetic intelligence

- feeling and expressing things physically; doing hands-on work

Musical/rhythmic intelligence

- creating and feeling a rhythm to express a mood; detecting and analysing musical themes

Intrapersonal intelligence

(within the self)

- understanding your own interior thoughts and feelings in a very clear way

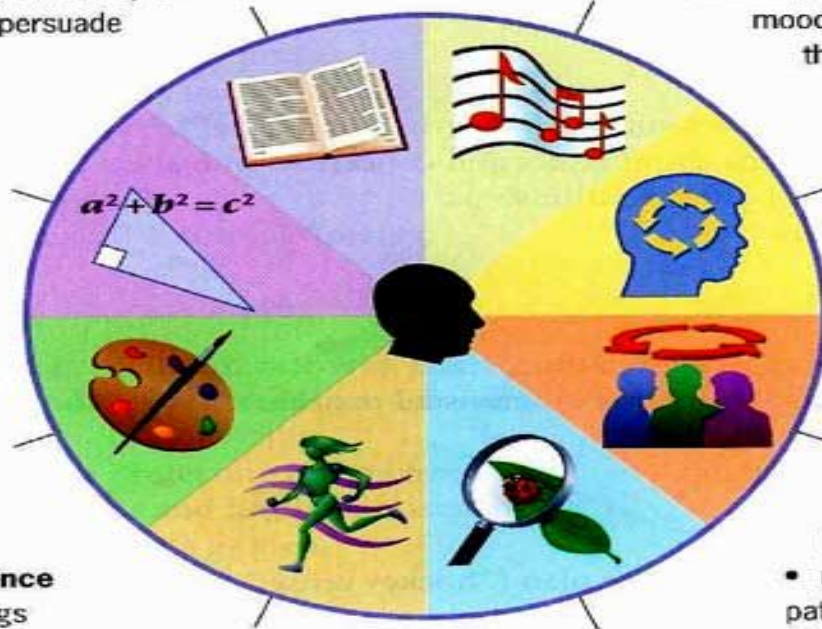
Interpersonal intelligence

(between people)

- understanding the feelings, needs and purposes of others

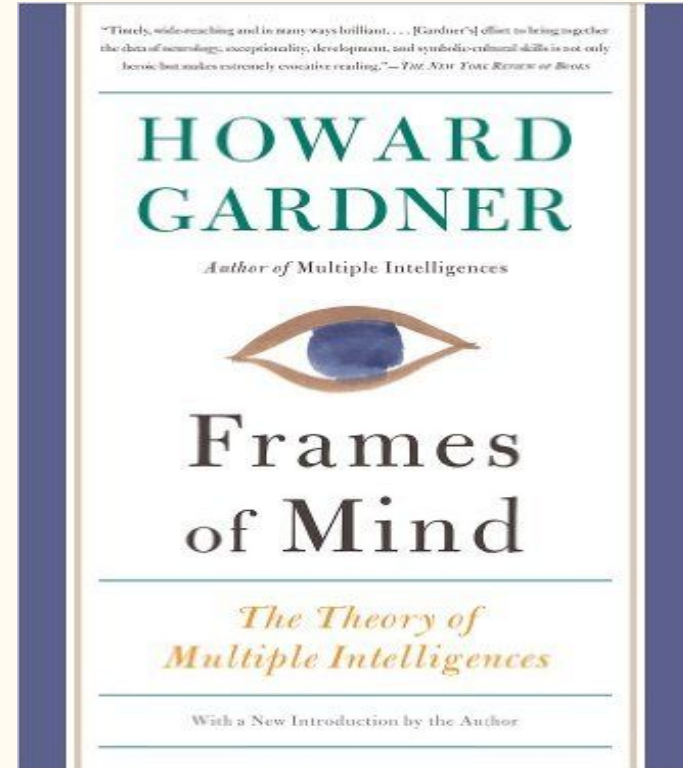
Naturalist intelligence

- understanding nature, seeing patterns in the way nature works; classifying things

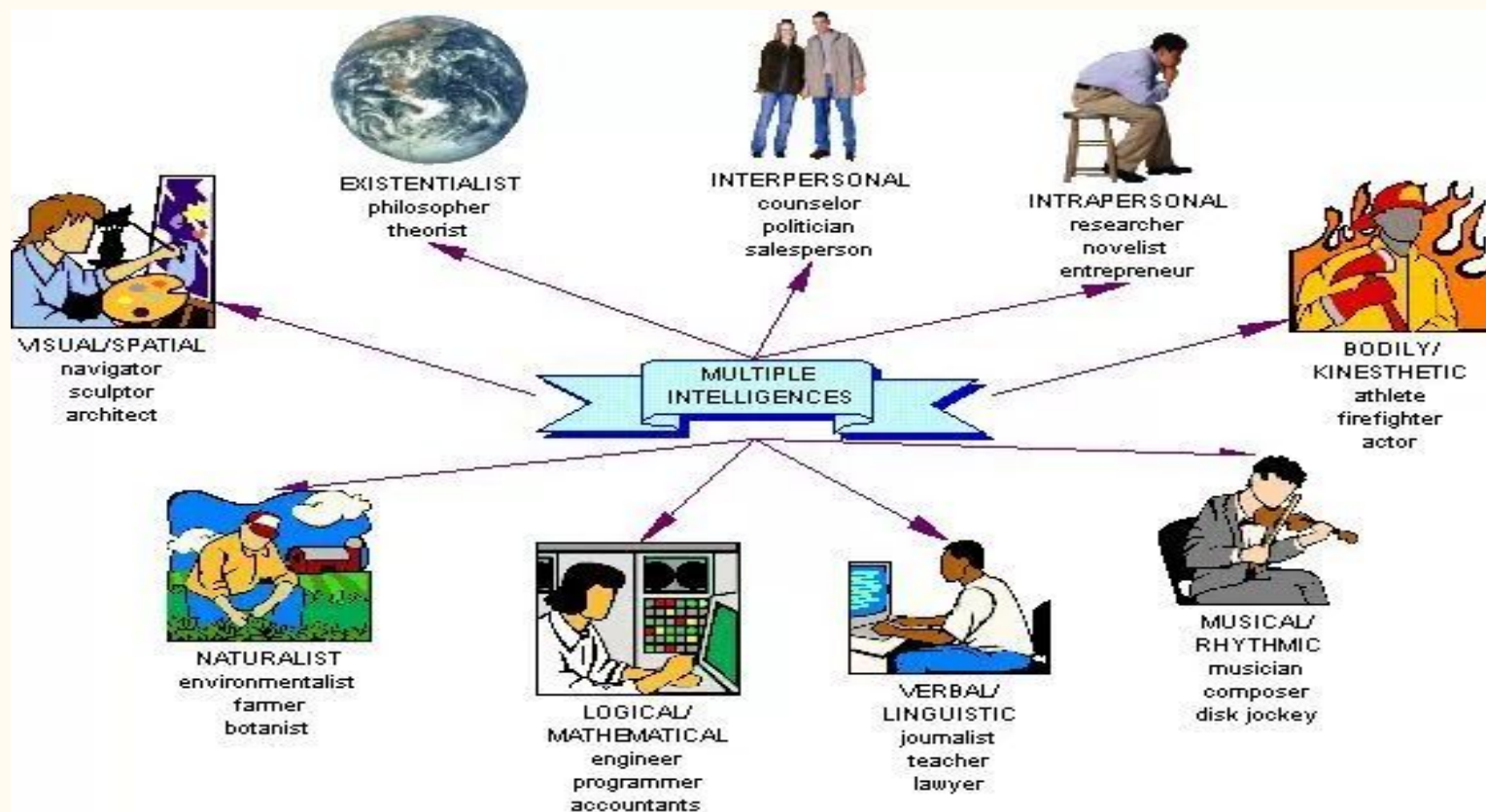


Two new suggested intelligences

- Existential Intelligence
 - Asking the big questions
- Pedagogical Intelligence
 - The intelligence of teaching
- Two new intelligences he suggested in 2016.










Careers



Learning Styles

Issues

- Too Broad
- Not a learning method

| | | | |
|---|---|---|---|
| <p><u>Visual</u></p>  <p>* You prefer using pictures, images, and spatial understanding.</p> | <p><u>Musical/Auditory</u></p>  <p>* You prefer using sound and music.</p> | <p><u>Verbal</u></p>  <p>* You prefer using words, both in speech and writing.</p> | <p><u>Physical/Kinesthetic</u></p>  <p>* You prefer using your body, hands and sense of touch.</p> |
| <p><u>Logical/Mathematical</u></p>  <p>* You prefer using logic, reasoning and systems.</p> | <p><u>Social</u></p>  <p>* You prefer to learn in groups or with other people.</p> | <p><u>Solitary</u></p>  <p>* You prefer to work alone and use self-study.</p> | <p>What is your learning style?</p> |

References

Cherry, K. (2/28/17). Retrieved from

<https://www.verywell.com/howard-gardner-biography-2795511>

Gardner, H. (2/28/17). Retrieved from <https://howardgardner.com/biography/>

Gardner, H. (2/28/17). Retrieved from <http://multipleintelligencesoasis.org/about/>

Strauss, V. (2/28/17). Retrieved from

<https://www.washingtonpost.com/news/answer-sheet/wp/2013/10/16/howa>

rd-gardner-multiple-intelligences-are-not-learning-styles/?utm_term=.ace26f9

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References continued

Plucker, J.A., & Esping, A. (Eds.). (2014). Human intelligence: Historical influences, current controversies, teaching resources. Retrieved from February 12, 2017, from <http://www.intelltheory.com>

Video

<https://www.youtube.com/watch?v=H1J2fzzYWic>