

MULTIPLE INTELLIGENCES: THE BASICS

S BAUM & HJ NICOLS

MULTIPLE INTELLIGENCES

By - Howard Gardner

- **An intelligence is...**
the bio psychological potential to process information in certain ways, in order to solve a problem or fashion a product that is valued in one or more community or cultural settings.

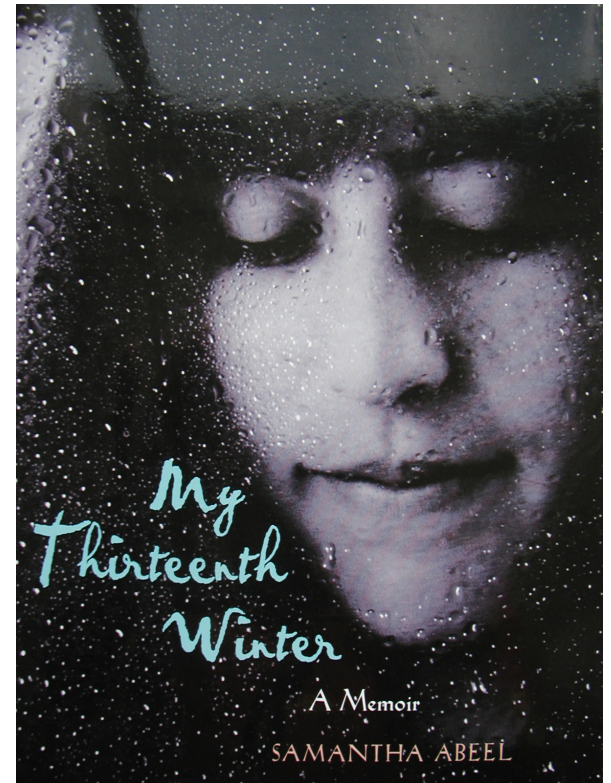


The Eight Intelligences

- | | |
|-----------------------------|----------------------|
| 1 Linguistic | 5 Bodily Kinesthetic |
| 2 Mathematical /
Logical | 6 Naturalist |
| 3 Spatial | 7 Interpersonal |
| 4 Musical | 8 Intra personal |

Linguistic intelligence

the capacity to use language to express what's on your mind and to understand other people. Poets really specialize in linguistic intelligence, but any kind of writer, orator, speaker, lawyer, words are the tools of the linguistic intelligence



Now I've written out their shadows
like the wind collects its secrets
to whisper into receptive ears, and I
will leave them at your doorstep,
a reminder of what others cannot see,
a reminder of what I can and cannot be

Samantha Abeel

mathematical logical intelligence

People with mathematical logical intelligence see the world as a math problem.

They have a natural affinity for numbers.



at 7:15. It takes me 10 minutes to get dressed,
15 minutes to eat my breakfast,
and 1 minute to brush my teeth.

SUDDENLY, it's a problem:

- ❶ If my bus leaves at 8:00, will I make it on time?
- ❷ How many minutes in 1 hour?
- ❸ How many teeth in 1 mouth?

I look in my closet, and the problems get worse:

I have 1 white shirt, 3 blue shirts, 3 striped shirts, and that 1 ugly plaid shirt my Uncle Zeno sent me.

- ❶ How many shirts is that all together?
- ❷ How many shirts would I have if I threw away that awful plaid shirt?
- ❸ When will Uncle Zeno quit sending me such ugly shirts?

I'M GETTING a little worried.
Everything seems to be a problem.

Spatial intelligence

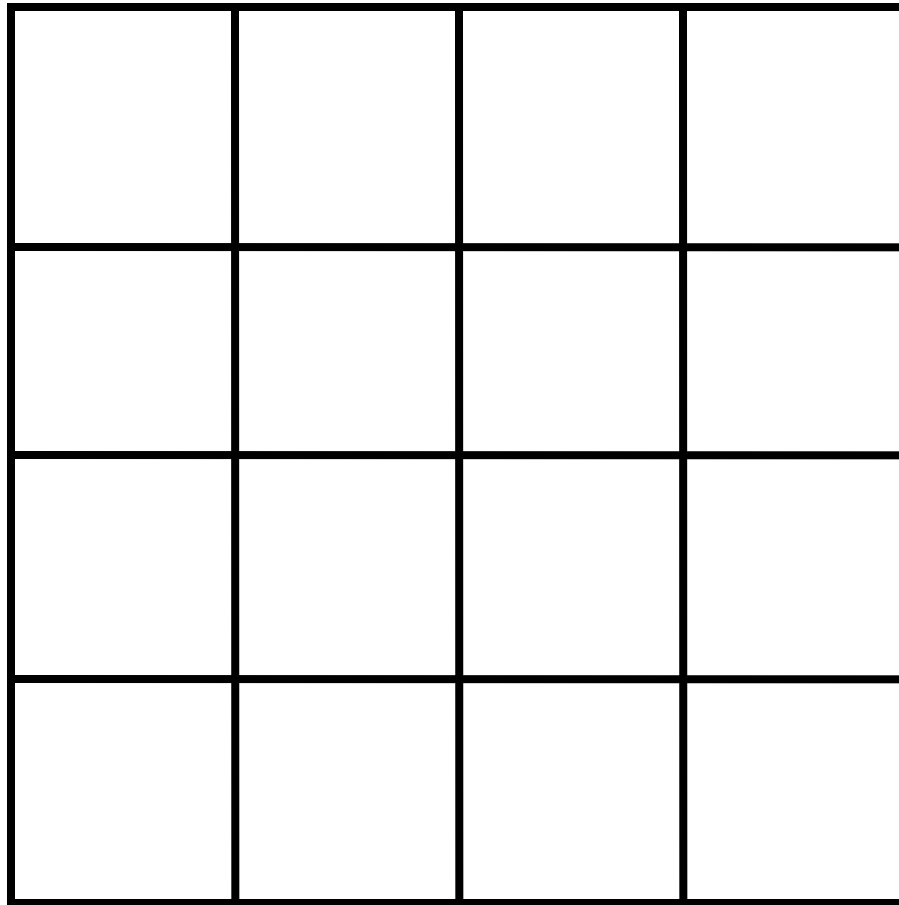
the ability to represent the world internally in your mind the way a sailor or airplane pilot navigates the world,

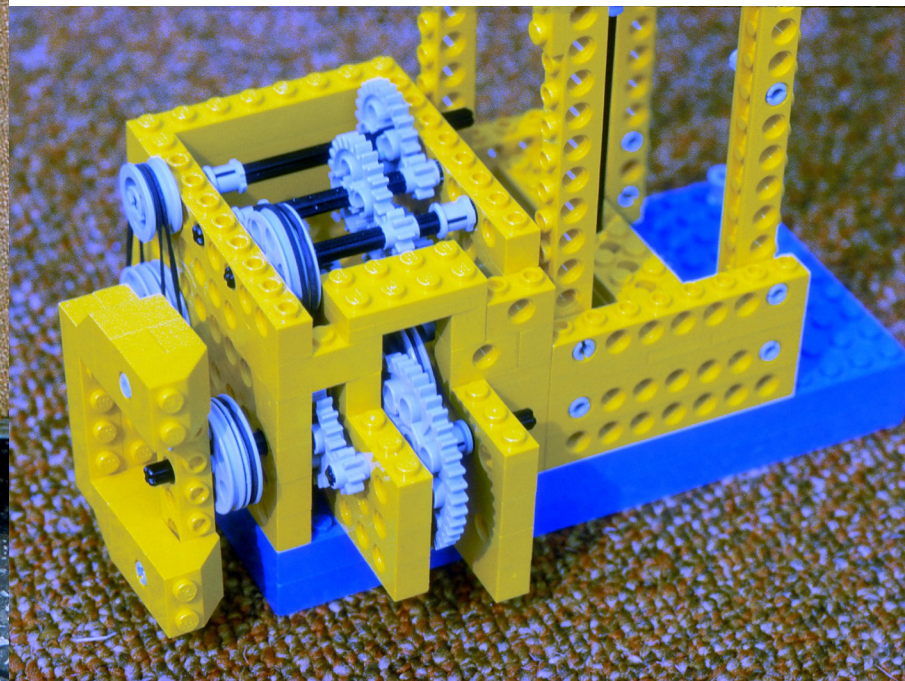
or the way a chess player or sculptor represents a more circumscribed spatial world.

Spatial intelligence can be used in the arts or in the sciences.



How Many Squares Do You See?





Bodily kinesthetic intelligence

is the capacity to use your whole body or parts of your body—your hand, your fingers, your arms—to solve a problem, make something, or put on a production. The most evident examples are people in athletics or the performing arts, particularly dance or acting.



Musical intelligence

Listen. Can you hear it? The music. I can hear it everywhere. In the wind... in the air... in the light. It's all around us. All you have to do is open yourself up. All you have to do... is listen.



August Rush: Sometimes the world tries to
knock it out of you. But I believe in music the
way that some people believe in fairy tales. I
like to imagine that what
I hear came from my mother and father.
Maybe the notes I hear
are the same ones they heard, the night they
met.
Maybe that's how they found each other.
Maybe that's how they'll find me.
I believe that once upon a time, long ago, they
heard the music and followed it.

Interpersonal intelligence

is understanding other people. It's an ability we all need, but is at premium if you are a teacher, clinician salesperson, or politician. Anybody who deals with other people has to be skilled in the interpersonal sphere.



Intra personal intelligence

refers to having an understanding of yourself, of knowing who you are, what you can do, what you want to do, how you react to things, which things to avoid. Those people tend not to screw up. They tend to know what they can do. They tend to know what they can't do.

SAMANTHA THE POET

At the end of my 7th grade year I was collapsing on the inside.

Luckily, my 7th grade writing class became my life preserver. It was the one thing that got me through the anxiety and fear that plagued me.

No matter what I couldn't do,
I could write.

Ability to discriminate among living things (plants and animals) as well as sensitivity to other features of the natural world (clouds, rocks configurations).

Naturalist intelligence

It is central in such roles as botanist or chef. The kind of pattern recognition valued in certain sciences may also draw upon naturalist intelligence.



Dinosaur Study Group

You are invited to attend a special meeting of our dinosaur study group. Zack Hache, 7 years old, will be our guest speaker and will share his dinosaur collection with us. He has been studying dinosaurs for most of his life.

