

## Howard Gardner's Multiple Intelligences

Howard Earl Gardner (born July 11, 1943) is an American developmental psychologist and the John H. and Elisabeth A. Hobbs Professor of Cognition and Education at the Harvard Graduate School of Education at Harvard University. He is currently the senior director of Harvard Project Zero, and since 1995, he has been the co-director of the Good Project.

Gardner has written hundreds of research articles and thirty books that have been translated into more than thirty languages. He is best known for his theory of multiple intelligences, as outlined in his 1983 book *Frames of Mind: The Theory of Multiple Intelligences*.

### 1. Musical-rhythmic and harmonic

This area has to do with sensitivity to sounds, rhythms, tones, and music. People with a high musical intelligence normally have good pitch and may even have absolute pitch, and are able to sing, play musical instruments, and compose music. They have sensitivity to rhythm, pitch, meter, tone, melody or timbre.

### 2. Visual-spatial

This area deals with spatial judgment and the ability to visualize with the mind's eye. Spatial ability is one of the three factors beneath 'g' in the hierarchical model of intelligence.

### 3. Verbal-linguistic

People with high verbal-linguistic intelligence display a facility with words and languages. They are typically good at reading, writing, telling stories and memorizing words along with dates.[8] Verbal ability is one of the most g-loaded abilities.[9] This type of intelligence is measured with the Verbal IQ in WAIS-IV.

### 4. Logical-mathematical

This area has to do with logic, abstractions, reasoning, numbers and critical thinking. This also has to do with having the capacity to understand the underlying principles of some kind of causal system.[7] Logical reasoning is closely linked to fluid intelligence and to general intelligence (g factor).

### 5. Bodily-kinesthetic

The core elements of the bodily-kinesthetic intelligence are control of one's bodily motions and the capacity to handle objects skillfully. Gardner elaborates to say

that this also includes a sense of timing, a clear sense of the goal of a physical action, along with the ability to train responses.

Gardner believes that careers that suit those with high bodily-kinesthetic intelligence include: athletes, dancers, musicians, actors, builders, police officers, and soldiers.

## 6. Interpersonal

In theory, individuals who have high interpersonal intelligence are characterized by their sensitivity to others' moods, feelings, temperaments, motivations, and their ability to cooperate in order to work as part of a group.

Gardner believes that careers that suit those with high interpersonal intelligence include sales persons, politicians, managers, teachers, lecturers, counselors and social workers.

## 7. Intrapersonal

This area has to do with introspective and self-reflective capacities. This refers to having a deep understanding of the self; what one's strengths or weaknesses are, what makes one unique, being able to predict one's own reactions or emotions.

## 8. Naturalistic

This area has to do with nurturing and relating information to one's natural surroundings, the individual who is readily able to recognize flora and fauna, to make other consequential distinctions in the natural world, and to use this ability productively (in hunting, in farming, in biological science).

This sort of ecological receptiveness is deeply rooted in a "sensitive, ethical, and holistic understanding" of the world and its complexities – including the role of humanity within the greater ecosphere.

## 9. Existential

Existential intelligence is sensitivity for and capacity to tackle deep questions about human existence.