

# Multiple Intelligences

Modern brain research recognizes the need for schools to include the development of children's *multiple* intelligences. After reading the various intelligences below and their manifestations, can you imagine the radical change it would bring to traditional classrooms?

## Logical/Mathematical Intelligence

Abstract pattern recognition  
Inductive reasoning  
Deductive reasoning  
Discerning relationships and connections  
Performing complex calculations  
Scientific thinking and investigation

## Bodily/Kinesthetic Intelligence

Control of "voluntary" body mvmts.  
"Preprogrammed" body movements  
Expanding awareness through the body  
Mind-body connection  
Mimetic abilities  
Improved body functions

## Musical/Rhythmic Intelligence

Appreciation for the structure of music and rhythm  
"Schemes" or "frames" for hearing music  
Sensitivity to sounds and vibrational patterns  
Recognition, creation and reproduction of sound, rhythm, music, tones and vibration  
Appreciating characteristic qualities of tones and rhythms

## Intrapersonal Intelligence

Concentration of the mind  
Mindfulness ("stop and smell the roses")  
Metacognition ("thinking about thinking")  
Awareness and discrimination of one's range of emotions  
Awareness of personal goals and motivations  
Transpersonal sense of the self  
Spiritual awareness

## Verbal/Linguistic Intelligence

Facility with words  
Explaining, teaching and learning verbally  
Convincing others of a course of action (persuasive speaking and writing)  
Meta-linguistic analysis (language investigating itself)  
Linguistically-based humor  
Verbal memory and recall

## Visual/Spatial Intelligence

Imagination  
Finding your way in space  
Forming mental images (visualizing)  
Graphic representation (painting, drawing, sculpting, etc.)  
Recognizing relationships of objects in space  
Mental manipulation of objects  
Accurate perception from different angles  
Visual memory

## Naturalistic Intelligence

Communion with nature  
Sensitivity to nature's "flora"  
Growing things  
Caring for, taming, and interacting with living creatures  
Organizing and classifying members of a species  
Appreciating the impact of nature on the self and the self on nature

## Interpersonal Intelligence

Effective verbal/nonverbal communication  
Sensitivity to others moods, feelings, temperaments and motivations  
Creating and maintaining "synergy"  
Deep listening to and understanding the perspective of another  
Empathy  
Working cooperatively in a group