Multiple Intelligences

On the slides that follow are detailed descriptions of the Howard Gardner's nine intelligences. On a separate sheet of paper, provide: a) short description of the intelligence, b) criteria related to the intelligence, c) professions that relate to the intelligence.

What Each Section Means

- Section 1 This reflects your Naturalist strength
- Section 2 This suggests your Musical strength
- Section 3 This indicates your Logical strength
- Section 4 This illustrates your Existential strength
- Section 5 This shows your Interpersonal strength
- Section 6 This tells your Kinesthetic strength
- Section 7 This indicates your Verbal strength
- Section 8 This reflects your Intrapersonal strength
- Section 9 This suggests your Visual strength

Naturalistic 1

- This area has to do with nature, nurturing, and classification. This is the newest of the intelligences and is not as widely accepted as the original seven. It is important to note that this type of intelligence is not part of Gardners original theory of Multiple Intelligences. Those with it are said to have greater sensitivity to nature and their place within it, the ability to nurture and grow things, and greater ease in caring for, taming, and interacting with animals. They are also good at recognizing and classifying different species.
- The theory behind this intelligence is often criticized, much like the spiritual or existential intelligence (see below), as it is seen by many is not indicative of an intelligence but rather an interest.
- Careers which suit those with this intelligence include scientists, naturalists, conservationists, gardeners, and farmers.

Musical 2

- This area has to do with rhythm, music, and hearing. Those who have a high level of musical-rhythmic intelligence display greater sensitivity to sounds, rhythms, tones, and music. They normally have good pitch and may even have absolute pitch, and are able to sing, play musical instruments, and compose music. Since there is a strong aural component to this intelligence, those who are strongest in it may learn best via lecture. In addition, they will often use songs or rhythms to learn and memorize information, and may work best with music playing.
- Careers which suit those with this intelligence include musicians, singers, conductors, and composers.

Logical-Mathematical 3

- This area has to do with logic, abstractions, inductive and deductive reasoning, and numbers. While it is often assumed that those with this intelligence naturally excel in mathematics, chess, computer programming, and other logical or numerical activities, a more accurate definition places emphasis less on traditional mathematical ability and more reasoning capabilities, abstract pattern recognition, scientific thinking and investigation, and the ability to perform complex calculations.
- Those who automatically correlate this intelligence with skill in mathematics criticize this intelligence by arguing that logical ability is often more strongly correlated with verbal rather than mathematical ability: for example, the old Analytic section of the Graduate Record Examination correlated more strongly with the Verbal section than the Mathematical. One possibility is that formal, symbolic logic, and strict logic games are under the command of mathematical intelligence, while skills such as fallacy hunting, argument construction, etc. are under the command of verbal intelligence.
- Careers which suit those with this intelligence include scientists, mathematicians, doctors, and economists.

Existential 4

- Wondering people. It is the ability to question our existence and meaning of life. Referred to as the ninth intelligence. These people see the big picture. Sometimes referred to as "spiritual" intelligence. However Gardner states that spiritual would only be a portion of existential intelligence. Existential concerns itself with the "ultimate issues".
- Careers which suit those with this intelligence include philosophers and political thinker

Interpersonal 5

- This area has to do with interaction with others. People in this category are usually extroverts and are characterized by their sensitivity to others' moods, feelings, temperaments, and motivations and their ability to cooperate in order to work as part of a group. They communicate effectively and empathize easily with others, and may be either leaders or followers. They typically learn best by working with others and often enjoy discussion and debate.
- Careers which suit those with this intelligence include politicians, managers, social workers, and diplomats

Bodily-Kinesthetic 6

- This area has to do with movement and doing. In this category, people are generally adept at physical activities such as sports or dance and often prefer activities which utilize movement. They may enjoy acting or performing, and in general they are good at building and making things. They often learn best by physically doing something, rather than reading or hearing about it. Those with strong bodily-kinesthetic intelligence seem to use what might be termed muscle memory; i.e., they remember things through their body, rather than through words (verbal memory) or images (visual memory). It requires the skills and dexterity for fine motor movements such as those required for dancing, athletics, surgery, craft making, etc.
- Careers which suit those with this intelligence include athletes, dancers, actors, comedians, builders, and artisans.

Verbal 7

- Verbal-linguistic intelligence has to do with words, spoken or written. People with verbal-linguistic intelligence display a facility with words and languages. They are typically good at reading, writing, telling stories, and memorizing words and dates. They tend to learn best by reading, taking notes, and listening to lectures, and via discussion and debate. They are also frequently skilled at explaining, teaching, and oration or persuasive speaking. Those with verbal-linguistic intelligence learn foreign languages very easily as they have high verbal memory and recall and an ability to understand and manipulate syntax and structure.
- Careers which suit those with this intelligence include writers, lawyers, philosophers, politicians, and teachers.

Intrapersonal 8

- This area has to do with introspective and selfreflective capacities. Those who are strongest in this intelligence are typically introverts and prefer to work alone. They are usually highly self-aware and capable of understanding their own emotions, goals, and motivations. They often have an affinity for thoughtbased pursuits such as philosophy. They learn best when allowed to concentrate on the subject by themselves. There is often a high level of perfectionism associated with this intelligence.
- Careers which suit those with this intelligence include philosophers, psychologists, theologians, and writers.

Visual 9

- This area has to do with vision and spatial judgment. People with strong visual-spatial intelligence are typically very good at visualizing and mentally manipulating objects. They have a strong visual memory and are often artistically inclined. Those with visual-spatial intelligence also generally have a very good sense of direction and may also have very good hand-eye coordination, although this is normally seen as a characteristic of the bodily-kinesthetic intelligence.
- Some critics point out the high correlation between the spatial and mathematical abilities, which seems to disprove the clear separation of the intelligences as Gardner theorizes. Since solving a mathematical problem involves visually manipulating symbols such as numbers, spatial intelligence is involved. A thorough understanding of the two intelligences precludes this criticism, however, as the two intelligences do not precisely conform to the definitions of visual and mathematical abilities. Although they may share certain characteristics, they are easily distinguished by several factors, and there are many with strong logical-mathematical intelligence and weak visual-spatial, and vice versa.
- Careers which suit those with this intelligence include artists, engineers, and architects.