

Session 9



May S. Flores, Ed.D.

Professor, School of Education
University of the Assumption
PHILIPPINES

C-EDUC1 (3 units)

*Child and Adolescent Learners and
Learning Principles*

Fall Semester 2023

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Learning Theories: Howard Gardner Multiple Intelligences

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Multiple Intelligences

Session OBJECTIVES:

- ✓ Discuss intelligence in various perspectives and its implications to facilitating learning;
- ✓ Develop personal thoughts and aspirations on evolving learning in multiple ways based on the different nature, potentials, capacities, talents, and interests of learners.

Multiple Intelligences

Session OBJECTIVES:

- ✓ Determine classroom scenarios, community issues and / or events that concerns multiple intelligences.
- ✓ Discuss the factors that may affect the learners' development through various situations encountered in each intelligence.

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Howard Gardner's Multiple Intelligences

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Multiple Intelligences

Image 1. Intelligence in the Making.
(Source: Hattangadi, V. 2022: Online)

Intelligence in the Making



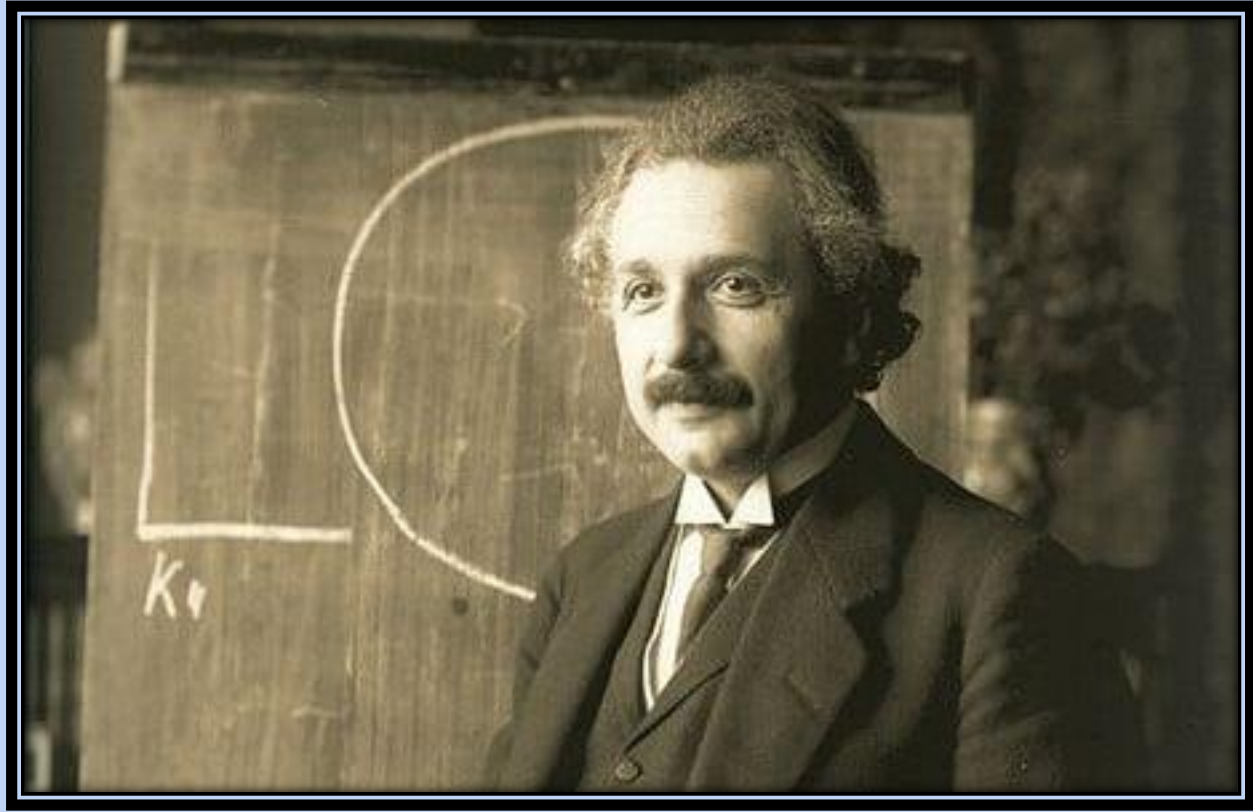
*An intelligence is the ability to solve problems, or to **create products**, that are valued within one or more cultural settings*

Howard Gardner

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Multiple Intelligences

*Image 2. Why we should forget
Einstein's tree-climbing fish.
(Source: Pettigrew, T. 2022: Online)*



“Everybody is a genius. But if you judge a fish by its ability to climb a tree, it will live its whole life believing that it is stupid.”

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Multiple Intelligences

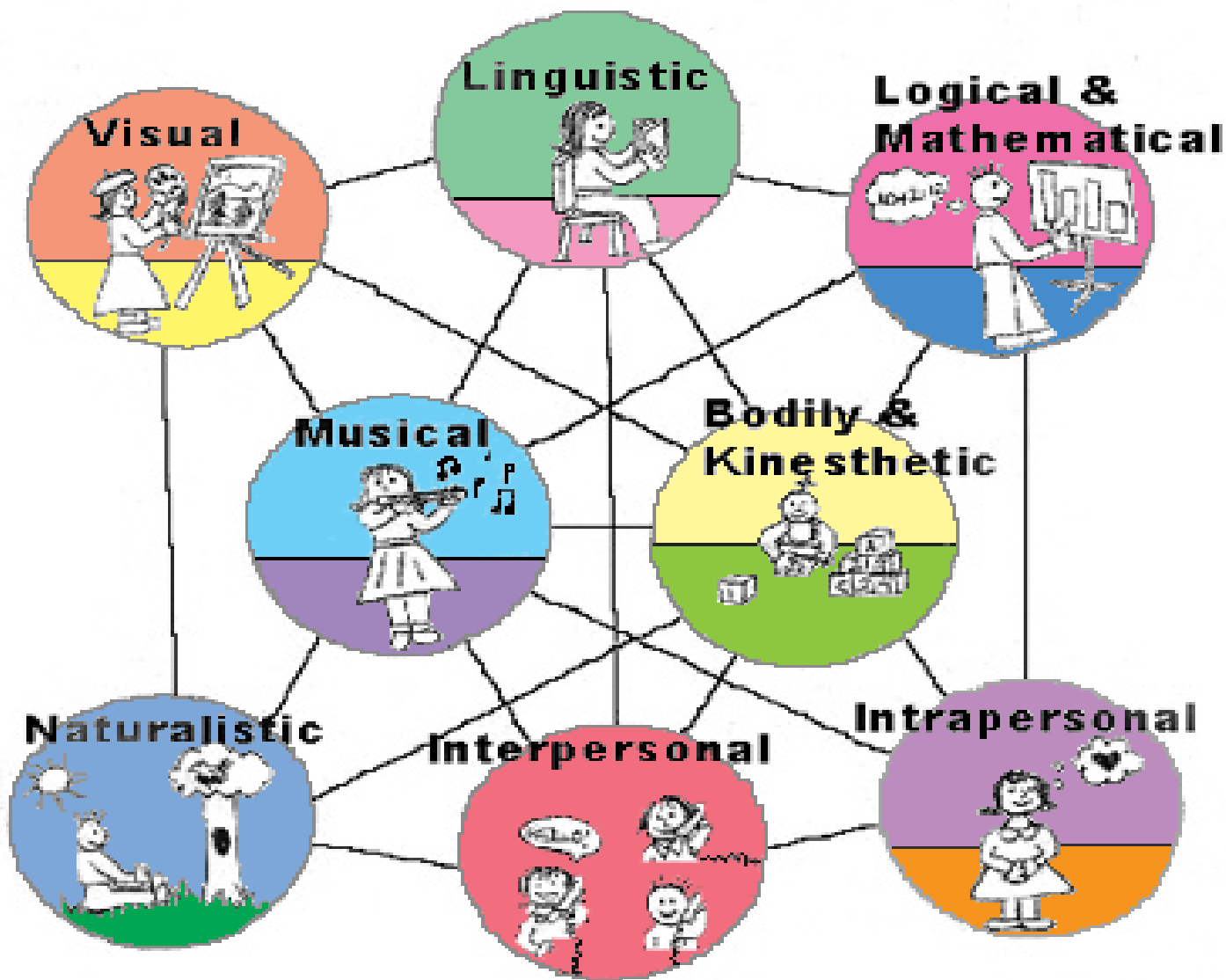
Image 3. Teaching Fish to Climb a tree?.
(Source: Campbell, L. 2020: Online)



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Multiple Intelligences

Image 4. Howard Gardner's multiple intelligence (MI) theory again found wanting
(Source: Mc Grew, K. 2006: Online)



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Multiple Intelligences

Verbal/ Linguistic

- the ability to use words and language
- Uses words than pictures

- Reading
- Words games / activities

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Multiple Intelligences

Logical/ Mathematical

-has the ability to quantify, Calculate and perform mathematical operations.

- Playing strategy games and mystery problems
- Data analysis
- Debate and logical questions

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Multiple Intelligences

Bodily Kinesthetic

- The ability to perform bodily movements and skillfully control objects.

- Exercising
- Playing games
- Asking logical questions

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Multiple Intelligences

Visual/
Spatial

-mental imagery

➤ Pictures , maps,
videos, chart

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Multiple Intelligences

Musical/
Auditory

-the ability to produce, listen
and create sound or music

- Reading aloud
- Making and listening to
music

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Multiple Intelligences

Interpersonal

-the ability to relate and understand other people

- Group study
- Sharing experiences
- Cooperative activities

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Multiple Intelligences

Intrapersonal

-the ability to understand oneself through reflection

- Working alone
- Reflecting on personal experiences

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Multiple Intelligences

The Connell Multiple Intelligences Questionnaire

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 1

- I like to listen to songs on the radio or a CD.
- I like to watch music videos on TV.
- I like to go to music concerts and hear live music.
- I can easily remember tunes, raps, or melodies.
- I take music lessons, singing lessons, or play a musical instrument.
- I can learn new songs easily.
- I like to sing.

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 2

- _____ I like art classes.
- _____ I like to draw, paint, and make things with clay.
- _____ I enjoy putting puzzles together.
- _____ I like to build things using blocks, Legos, and models.
- _____ It is fun to play video games.
- _____ I can create a picture in my mind to help me think things through.
- _____ I notice the different styles of things, such as clothes, cars, and hairstyles.

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 3

- _____ I like to read books, magazines, and comic books.
- _____ I have a good vocabulary and like to learn new words.
- _____ I enjoy writing e-mails to my friends. _____ I like to write.
- _____ It is fun to play word games such as Scrabble and Mad Libs, do crossword puzzles, and acrostics.
- _____ I think it would be fun to keep a journal of my thoughts and ideas.
- _____ I like to talk to my friends on the telephone.

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 4

- I like to play with animals and take care of them.
- I like going to zoos, parks, or aquariums.
- I like being outside.
- I like to hike, walk, or run outdoors.
- I like to observe nature's changes, such as thunderstorms, rain, snow, and sunshine.
- I help to recycle and take care of our environment.
- I pay close attention to things in my environment such as trees, rocks, flowers, birds, bugs, and squirrels

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 5

- I like to do science experiments and go to science museums.
- I find arithmetic and math problems interesting.
- It is fun to solve mysteries.
- Numbers are really interesting to me.
- I like games like chess or computer games where you have to think a lot.
- I like TV shows like ZOOM, National Geographic, and Nova that talk about science and math.
- I can do math problems in my head and make good estimates.

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 6

- I like to dance.
- I like to play sports such as baseball, soccer, hockey, or football.
- I like to build models or do beading, sewing, macramé, or carpentry.
- I enjoy acting in plays or skits or playing charades.
- I like to move when I am thinking about things.
- I like activities such as the martial arts, tennis, running, jogging, biking, skateboarding, or gymnastics.
- I can sometimes “feel” the right answer.

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Put a check
on the
blank that
describes
you

Area 7

_____ I like to be with my friends often.

_____ I like to help those who need help.

_____ I like to read books or see movies about people and their lives.

_____ I can usually tell how other people are feeling.

_____ It is fun for me to organize activities at home and at school.

_____ I would rather spend time with others than spend time alone.

_____ I like to talk in class discussions.

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Multiple Intelligences

Put a check
on the
blank that
describes
you

Area 8

_____ I like doing things by myself.

_____ I would rather work by myself than with other students.

_____ I like to spend time thinking or writing about things that matter to me.

_____ I like to play computer games.

_____ I usually know what my feelings are.

_____ I like to write my thoughts and feelings in a diary or journal.

_____ I know what things I am good at, and what things I am not so good at.

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Multiple Intelligences

A score of 5 or more indicates a very strong area; a score of 3–4 indicates a moderate area; and a score of less than 3 indicates a developing area.

Scoring

Count all the number of responses for each area. The areas that you check shows your inclination to that intelligence.

_____ Area 1 (Music Smart)

_____ Area 2 (Picture Smart)

_____ Area 3 (Word Smart)

_____ Area 4 (Nature Smart)

_____ Area 5 (Math Smart)

_____ Area 6 (Body Smart)

_____ Area 7 (People Smart)

_____ Area 8 (Self Smart)

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Multiple Intelligences

If a child can't learn the
way we teach,
maybe we should teach
the way they learn

-Ignacio Estrada

When You Have Multiple Talents But You're Still Useless



Hone it!

*Image 5. Having Multiple Talents but Still Useless.
(Source: Iqbal, J. 2021:Online)*

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