

The Dominant Intelligence of English and Indonesian Language Teachers of Junior High School (SMP) in Indonesia

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Abstract: *Studying is an activity, which is the most important in the process of human learning. Unwittingly, studying is a part of human's life. Therefore, studying can be a fun activity to do. In studying, the role of teachers is very important to create a fun situation in the process of studying. Actually, there is not hare-brained person, because every person has potential to be smart and genius. Therefore, a teacher must be intelligent and smart in educating the students in fun ways. Studying should be a need of somebody, not be a burden for him or her. If students feel happy in the process of studying, certainly they will be able to understand the lesson, which is given by the teacher. The key of opening the capability and the aptness is simple, that is by advantaging the brain as many as possible. In this case, teacher has to be able to arouse the potential inside him and the students.*

Keywords: *Dominant Intelligence, English and Indonesian Language' Teachers*

1. BACKGROUND

Explore the deepest secrets in one's mind is how to learn efficiently to awaken latent potential. If the teacher managed to get a "key" to unlock the potential contained within her means that the teacher has been able to increase the use of his brain well. The ability of a person's brain is remarkable (having strength and flexibility) even when someone in a difficult situation with a great deal of pressure can be passed through well. The brain is also capable of processing large amounts of knowledge, emotions, attitudes and others. The human brain has a great ability to store information and is not impossible that the brain is a highly efficient storage system. Thus, there really is no one who can be said to be stupid, because every person has a latent ability to be a genius and brilliant. In this case, the task of the teacher should be able to generate a latent potential in himself and in his students.

Before the enactment of the Act N0.14 Year 2005 on Teachers and Lecturers, teaching profession can be done by people who do not have the background knowledge of the teacher. Someone who does not learn science education (pedagogical), but it would only be a teacher can teach. In general, they chose the teaching profession because of the difficulty of obtaining a job that cool them. In other words, the teaching profession is the second choice while waiting to get a job he wanted. Since the passage of the law, the teacher is a professional job of work or activity conducted by a person and become a source of income that life requires expertise, skills, or skills that meet certain quality standards or norms and require professional education.

With the birth of the Act, the work of teachers can no longer be regarded as a side job or can be done by anyone who wants to become a teacher. Teaching profession requires expertise and specific requirements. Although the work of teachers is a profession, but still has some problems. According to Mohammad Nuh, in commemoration of National Teacher's Day in 2011, teachers are still facing the same problems. The issue, according to him, related to competence, professionalism, and distribution. The things that he thought should be the priority to be resolved. (Source: Education, Kompas.com).

The issue is the question of the future teachers of a nation and it should the government pay attention to the fate of the teachers. The teacher is not a profession that can be done by anyone, but should be done by someone who has specific requirements as contained in the Act No. 14

Year 2005 on Teachers and Lecturers. A teacher must be smart in their duties to educate their students to realize the national education, as stipulated in Law No. 20 of 2003 on the National Education System, which is developing the ability and character development and civilization of dignity in the context of the intellectual life of the nation, aimed at developing students' potentials in order to become a man of faith and fear of God Almighty, noble, healthy, knowledgeable, capable, creative, independent, and become citizens of a democratic and accountable.

To realize the students become human as mentioned above is not an easy job. According to Fuad (2013), the task of the teacher is not only limited to delivering course material to their students, but a teacher must possess patience, trust, sincerity and nurturing their students. That is why a teacher should be intelligent. What about the teachers that exist today, whether it has been included in an intelligent teacher? Is the dominant intelligence possessed these teachers are in line with the field of study that teaches? Do teachers are now teaching wholeheartedly or just full salary? Intelligent teacher should start from the teachers themselves, i. e. as a teacher who has a pleasant personality and happiness of all people, both in their families and to their students and the community around it. According to Andrew Ho and PonijanLiaw (2010), happy is the feelings that always want to be perceived. Happiness is thought to come from the achievement of value itself (Happiness is a state of consciousness the which proceeds from the achievement of one's values). Actually happiness lies within each of us and easy to get. Therefore, an intelligent teacher shall attempt to protect always happy and excited to learn. Learning should already be a necessity, no longer regarded as a burden for them. If the students have had the pleasure in learning will naturally receptive to the lessons given by the teacher.

2. TYPES OF INTELLIGENCES

According Aqib (2002) teachers are critical factors for success in school, because teachers are central as well as the source of learning and teaching. Further declares that the teacher is an influential component in improving the quality of education in schools. This suggests that the ability or professional competence of a teacher to determine the quality of education.

A good education system is the education systems that still leave room for the development of students' creativity. Not just demands of the students give the correct answer according to the teachers or books, but also provides the opportunity for students to express a set of alternative answers are also correct. At this time, awareness of the development of creativity has increased and developed in the community so that the various information about it is also increasingly in demand. Basically all creative kids are only degrees and different fields. Natural creativity of every child will continue to develop optimally if constantly nourished by the surrounding environment.

Be aware that every person can become a genius. This potential should have been prepared since childhoods to activate the function of the brain to develop intelligences are needed to support the learning process. The point is that the learning process is effective for optimal brain empowerment. By knowing the effective learning process, someone will be able to catch up with the learning back so that he can follow the change.

According Sigiarto (2011), quoted from Howard Gardner, there are eight intelligences, namely linguistic intelligence, logical mathematical intelligence, visual-spatial intelligence, KINESTHETIC intelligence, musical intelligence, naturalist, interpersonal, and intrapersonal. In more detail about the eight intelligences will be discussed in more detail as follows.

2.1. Linguistic Intelligence

Linguistic or language belonging to the main human thinking skills, during this language skills are considered as expertise related to the social field because many professions in this field that requires good language skills, such as linguists, writers, politicians, and lawyers. People who have expertise in the field of language is an analysis that is able to communicate his opinion. The characteristics included in the linguistic groups are:

- Loved poetry and stories.
- Glad to read and write
- Easy to express feelings with words spoken and written

- Love the play on words, such as crossword puzzles
- Love the language lessons, history, and social fields.

2.2. Logical Mathematical Intelligence

Logical mathematical intelligence is the ability to think logically analytical that have been associated with the level of intelligence quotient (IQ) of a person. People who are included in this intelligence group has expertise in the field of mathematics and logical thinking, such as lawyers, economic analysts, scientists' physics, and mathematics. The characteristics of people who belong to the logical mathematical intelligence is:

- Like things related to numbers and count.
- Love the experiments and the latest development of science.
- Likes math and science
- Glad analyzes associated with logic

2.3. Visual-Spatial Intelligence

Visual-spatial intelligence has been more associated with people who have expertise in the field of painting, but it turns out the brain's ability detected in people who have expertise in the field of design (architectural) involving logical analysis. This ability is to imagine the shape in the mind, which is poured or manifested in the form of drawings, photography, engraving, or sculpture. If the picture comes in the form of two-dimensional, as is often done painter or photographer, this capability is referred to as a visual capabilities. However, if the three-dimensional shape, such as is often done sculptor, sculptor, architect, or a mapping expert called spatial ability. The characteristics of the person who belongs to a group of visual spatial intelligences are:

- Liked the field of visual arts (painting, sculpture, and so on).
- Can develop a picture of a room from several different angles.
- Liked by reading the full color images.
- Glad to record an event or events with a video camera.

2.4. Intelligence Kinesthetic

Kinesthetic intelligence included in the body reflexes, but in reality the brain also controls this intelligence. Therefore, kinesthetic intelligence can be programmed into a more effective skill works. Oran-person with this kinesthetic intelligence has expertise in the field of sports or gestures, such as dancers and athletes. The characteristics of people who belong to the kinesthetic intelligence is as follows.

- A love of the sport
- Liked gestures
- Thinking about a problem with doing a lot of movement
- Love the sport lessons and skills
- It's easier to remember something with the motion of the notice or to hear.

2.5. Musical Intelligence

During this musical intelligence regarded as mere expressions of emotion, because it was considered not related to the brain. But in fact the music is the work of the right brain that makes the brainwork more effective. With the development of research on music therapy, it is believed that musical intelligence needs to be activated since childhood. People who have expertise in the field of music can compose a song, compose a song, sing a song, or play an instrument. The characteristics of people who belong to the musical intelligence is as follows.

- Able and happy to play a musical instrument
- Glad to sing or listen to music anywhere
- Sensitive to the tone and rhythm
- Can distinguish the sounds of various musical instruments
- Love the sound art lessons
- Like humming or tapping a finger to the beat of the music

2.6. Naturalist

Naturalist intelligence related to the ability to recognize the natural environment as a system of interconnected so that one can see the relationship between one and the other as a logical link harmonious. People who are included in the naturalist has expertise in the field of research related to nature, such as plants and animals, such as a veterinarian or botanist. The characteristics of people who belong to the naturalist intelligence is as follows.

- Glad to keep animals and caring for plants
- Have a great interest in the knowledge of the life of flora and fauna.
- Like the activities related to nature, such as gardening and fishing
- Liked biology lesson
- Have great attention to environmental issues, nature conservation, etc.

2.7. Interpersonal Intelligence

Interpersonal intelligence is developing social skills since childhood and can change with age. There are into jocks and there are also children who are less sociable house. This interpersonal intelligence including reflections thinks someone. People who have this intelligence have an interest and expertise in social activities. For example, politicians, teachers, social workers, journalists or public relations. The characteristics of people who belong to the interpersonal intelligence is as follows.

- Love the work associated with another person or in a group
- Enjoying a game that involves many participants
- Good at communicating even manipulate
- If you have a problem, they are happy to talk about it with others.
- Often consulted because they are generally easy to sympathize.

2.8. Intrapersonal

Intrapersonal intelligence is also an ability to think, but more likely to understand himself. It is recognized that the ability of its benefits have not been realized because most people know more about the other person than himself. This capability development after someone enters the social environment and the choice of his position in the community. People who have intrapersonal intelligence have the expertise or the ability to process feelings themselves, such as educators, counselors, psychiatrists, psychologists, philosophers, and the character's personality development. The characteristics of people who belong to the intrapersonal intelligence is as follows.

- Have a diary to express his feelings.
- Taking the time to think about the important things in life
- Determine and decide its own measures to be selected
- Recognizing the advantages and disadvantages of self
- Happier creative alone, for example, fishing or retreat to mountains.

3. HOW TO KNOW SOMEONE INTELLIGENCE

Above mentioned that there are eight intelligences and each intelligence has been mentioned characteristics. According Sugiarto (2011), quoted from Howard Gardner, to track a person's intelligence, including teacher or student in the school can be done in the following way.

Instructions:

Read the following questions carefully, and then circle the statement that best suits you. There are eight groups of intelligence with each of the ten statements, calculate the number of statements that you marked on each group.

View on which group you are getting the highest total score (the most talented) and which is also the least (most untalented). That is your intelligence. By knowing intelligences what has been active in you, you can strengthen it. Perhaps among the intelligence to realize that there is not and has not been put to good use. If the intelligence that seems weak in yourself can be improved through intensive training. It may be difficult for you to turn it on, but it does not mean cannot.

3.1. Linguistic Intelligence

To track a person's linguistic intelligence can be done by selecting the statements below are considered according to him.

- You love the play on words; make a play, difficult words spoken, and Limerick. You love poems, rhymes, and fairy tales.
- You read everything: books, magazines, and newspapers, even the product label.
- You can easily express them, both orally and in writing.
- You are a persuasive debater, writer, or a good storyteller.
- You peppering the conversation with the things you read or hear.
- Like filling puzzles, play scrabble, or try to guess puzzle game words of others. You can spell very well.
- You have a vocabulary that is very much so sometimes people have to ask you to explain words you use.
- In school, you love to learn the language, history, and lessons social. You realize that there is a need to build vocabulary (your word).
- You can maintain an opinion in the debate or verbal arguments and you can give clear explanations and instructions.
- You like to think while talking, discuss, explain solutions and asking.
- You can easily absorb information via radio / cassette / people talking.

Total answers

Fit is:

3.2. Logical Mathematical Intelligence

To track the logical mathematical intelligence of a person can be done with choose the statements below are considered according to him.

- You like work that involves numbers and can perform calculations by way of imagining.
- You are interested in the latest scientific developments and the like experimenting with different objects to see how it works.
- You can easily balance the opinion of the expenditure or create a household budget. In business and life personally, you make targets in the form of numbers.
- You like to create a detailed plan good for business trips and vacation. You often create, sort, and implement a list of matters things to be done.

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- You love puzzles and games that involve logical thinking and statistics, such as checkers and chess.
- You tend to easily show the logical errors of what which is said or done by others.
- Mathematics and knowledge-scientific knowledge is a favorite subject. You are in school.
- You can give specific examples to support a opinion or viewpoint of a general nature, and you are happy to analyze situations and arguments.
- In solving the problem, you do a systematic approach, stage by stage. You tend to look for patterns and relationships between objects or figures.
- In order to determine the relationship between each other, you need to categorize, classify, or comparing.

Total answers

Fit is:

3.3. Visual-Spatial Intelligence

To keep track of a person's visual-spatial intelligence can be done by selecting the statements below are considered according to him.

- You can appreciate the visual arts like painting and sculpture as well. You have good color taste.
- You like to create a visual record of the events by using camera or camcorder.
- Like doodling when taking notes or thinking. You can draw with reasonable accuracy.
- You do not have trouble reading maps or navigation. You have a good sense of direction.
- You like games like jigsaw and mazes.
- You are quite expert in dismantling objects and put it back together. You can easily assemble the equipment or follow diagrams assemble equipment.
- In your school lessons like art and prefer geometry-compared algebra.
- You often explain your reasoning using diagrams or images, and you can read diagrams with ease.
- You can imagine what if anything seen from the viewpoint different. Or to see the plan you already can imagine how such a building.
- You like reading materials with lots of pictures.

Total answers

Fit is:

3.4. Intelligence Kinesthetic

To keep track of a person's intelligence KINESTHETIC can be done by selecting the statements below are considered according to him.

- You exercise regularly. Like running, swimming, and mobilize body.
- You are quite proficient in the craft.
- You like to think while doing physical activities, such as walking or running.
- You do not mind appearing on the dance floor
- On the playground you like games gripping the twisting of the body (such as the Lightning in the World Fantasy).
- To be able to really understand something, you handle it physically, hold, and investigate. You like games jigsaw and making models.

- The lessons do you like in school is sports and crafts. You like sculpture.
- In expressing yourself, you use gestures or form other body language.
- Like the game "rough" and roll-tumble with children.
- In learning something new, you will better understand if it can touch it or hold it directly compared with read the manual or watch the video.

Total answers

Fit is:

3.5. Musical Intelligence

To track musically intelligent person can be done by selecting statements below are considered according to him.

- You can play a musical instrument.
- You can sing with no discordant.
- You usually can remember a rhythm only to hear two times.
- You often listen to music, either at home, or in a car, and you love to go to watch a music show. You love even require as background music while working.
- Like tapping to the music without foundation. You have a sense of good rhythm.
- You can recognize the sound of a variety of different musical instruments.
- Music films or advertisements often appear suddenly in your head.
- You cannot imagine life without music. Music can be easily the emotions you or remind you of things.
- You often whistling or mutter a rhythm.
- You often use rhythm to remember, for example, mention telephone number rhythmically.

Total answers

Fit is:

3.6. Naturalist

To track intelligence naturalist of someone can be done by selecting statements below are considered according to him.

- You maintain or love pets.
- You can recognize and name the different types of trees, flowers and other plants.
- You are interested in and find out how the body works, such as the location of organs the main body and you keep abreast of health issues.
- If you walk around, you pay attention to the life of wildlife, where the nest birds, traces, and you can "read" the signs of the weather.
- You do not mind being a farmer or maybe you like fishing.
- You are a "gardener" who diligently and know the effects of the season.
- You understand and are interested in the various global environmental issues important.
- You have enough knowledge about the various developments in the field of astronomy, the origin of the universe, and the evolution of life.
- You are interested in social issues, psychology, and human motivation.

- According to you, the conservation of resources and create sustainable growth are the two most important issues at this time.

Total answers

Fit is:.....

3.7. Interpersonal Intelligence

To track a person's interpersonal intelligence can be done by selecting the statements below are considered according to him.

- You like to work together with others as part of a group.
- You are proud to be a mentor or advisor if other people.
- People tend to come to you for advice. You are the one sympathetic.
- You prefer team sports such as basketball, softball, rugby, soccer compared to individual sports such as swimming and running.
- You like games that involve other people, such as bridge and monopoly.
- You are a "social butterfly". You much prefer to be in a party than watching TV alone at home.
- You have some very close friends.
- You can communicate well with others and can help resolve contention.
- You do not hesitate to take the lead, showing others how to do something.
- In addressing the issue, you do not attempt to solve alone but talk about it with others.

Total answers

Fit is:.....

3.8. Intrapersonal

To track a person intrapersonal intelligence can be done by selecting the statements below are considered according to him.

- You have a personal diary or other record forms to record thoughts your deepest thoughts.
- You often hold "quiet time", reflecting the most important things in your life.
- You've set your goals, it means you know where you are headed
- You are an independent thinker. You know your own mind and you can make decisions without being influenced by others.
- You have an interest or hobby that is personal, which do not particularly like you share with others.
- You like fishing or hiking alone. You enjoy solitude you.
- According to you, a pleasant holiday is a secluded house at the top of the hill, not a five-star hotel or resort with lots of people.
- You have a realistic idea of your strengths and weaknesses.
- You follow a variety of self-development workshops or some form of counseling to get to know yourself.
- You work for yourself or intend to do what you are interested in? (no matter what anyone else).

Total answers

Fit is:.....

Once you select statements that exist in every type of intelligence is, look where the highest scores and the scores are most low. From the results it can be known that the type of intelligence that the highest scores, means that you are the most talented in the intelligence types, while the

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lowest scores, means that you are at least gifted. That is picture of your intelligence. If this is done to the students, the teacher will know the dominant intelligence of learners, and it will be easier for teachers to adjust teaching strategies to be undertaken.

4. DOMINANT INTELLIGENCE OF ENGLISH AND INDONESIAN LANGUAGE' TEACHER OF JUNIOR HIGH SCHOOL IN NORTH SUMATRA PROVINCE, INDONESIA

From the results of research conducted on June 5, 2014 to 48 schools teachers of Indonesian language and to 40 teachers of English on June 12, 2014, it is known that the intelligence of the teacher can be seen in the following table.

Table1. Dominant intelligence of Indonesian language teachers in Junior High School (SMP)

NO.	Type of Intelligence	Number	Percentage (%)
1	Linguistics	19	39,6
2	Logical mathematical	5	10,4
3	Visual	2	4,2
4	Kinesthetic	1	2,1
5	Musical	4	8,3
6	Naturalist	2	4,2
7	Interpersonal	12	25
8	Intrapersonal	3	6,2
Total		48	100

From the table above, it appears that the dominant intelligence teachers of Indonesian is that linguistic intelligence should be owned by teachers for teachers of languages including Indonesian only 19 people (39.6%) of 48 persons. While the remaining 29 others (60.4%) spread to seven other intelligences. This means that most of the junior high school teachers Indonesian subjects have intelligence beyond linguistic or language. In the case supposed, linguistic intelligence which belong to the major human thinking skills and expertise are considered as related to the social field should be predominantly owned by teachers in language.

Table2. Dominant intelligence of English teachers in Junior High School (SMP)

NO.	Type of Intelligence	Number	Percentage (%)
1	Linguistics	6	15
2	Logical mathematical	5	12,5
3	Visual	1	2,5
4	Kinesthetic	1	2,5
5	Musical	5	12,5
6	Naturalist	6	15
7	Interpersonal	12	30
8	Intrapersonal	4	10
Total		40	100

From the table above, it appears that the dominant intelligence teachers of English is that the linguistic intelligence should be owned by teachers for teachers of languages including English, was only 6 people (15%) of 40 persons. While the remaining 34 others (85%) spread to seven other intelligences. Precisely the more dominate interpersonal intelligence that 12 people (30%). This means that most of the junior high school teachers in English language studies have intelligence beyond linguistic or language. In the case supposed, linguistic intelligence which belong to the major human thinking skills and expertise are considered as related to the social field should be predominantly owned by teachers in language.

The above data shows that the dominant intelligence must have teachers of language should be a linguistic intelligence, not the other more dominant intelligences. This is consistent with the data presented Directorate General for Quality Education and the Workforce in 2004, that the premises of language teachers and English teachers have not been worthy and competent in teaching in the field of study, which of the 40 questions posed to the teachers of the language of the results is the average for the field of Indonesian studies only 20, 56 and to the field of English language study only 23.37. For that, we recommend these teachers should receive training related to professional

competence. Moreover, in recruiting for future language teachers should consider this aspect of linguistic intelligence for teachers of language study.

5. CONCLUSION

One of the competencies required of teachers in Law No. 14 Year 2005 on section 10 is to have professional competence, in addition to the pedagogical competence, personal competence and social competence. Competence is a set of knowledge, skills, and behaviors that must be owned, lived, and controlled by the teacher professionalism in carrying out the task. Professional competence is closely related to the intelligence of a person, including teachers. To develop the potential of students to become intelligent and dignified man who needed a teacher who has a dominant intelligence in accordance with the subject areas they teach. Master intelligent among others has a pleasant personality for everyone, including learners. When his protégé was pleased to learn of course is easier to accept the lesson given by the teacher. Thus learning is no longer perceived as a burden to them, but has become a necessity.

REFERENCES

- Andrew, H. and Ponijan, L. 2010. *Great Motivation Smart Communication*. Jakarta: GramediaPustakaUtama
- Aqib, Z. 2002. *Profesionalisme Guru Dalam Pembelajaran*. Surabaya: Insan
- Depdiknas. 2005. *Undang-Undang Republik Indonesia Nomor 14 Tahun 2005 Tentang Guru dan Dosen*. Jakarta: Biro Hukum dan Organisasi Setjen Depdiknas.
- Depdiknas, 2003. *Undang-Undang No. 20 Tahun 2003 tentang Sistem Pendidikan Nasional*. Jakarta: Biro Hukum dan Organisasi Setjen Depdiknas.
- Fu'ad. 2013. *Begini Seharusnya Menjadi Guru*. Jakarta: DarulHaq.
- Mulayana, D. 2007. *Komunikasi Suatu Pengantar*. Bandung: PT Remaja Rosdakarya.
- Mulyasa, E. 2009. *Menjadi Guru Profesional*. Bandung: PT. Remaja Rosdakarya
- Sudaryanto. 2012. *Guru Cerdas; Melejitkan Karier dan Potensi Guru*. Surakarta: Adi Citra Cemerlang.
- Triswanto, S.D. 2010. *Quantum Syukur: Berpikir positif dan Bersyukur Dalam Segala Situasi*. Yogyakarta: Cakrawala.
- Sugiarto, I. 2011. *Mengoptimalkan Daya Kerja Otak Dengan Berpikir Holistik & Kreatif*. Jakarta: PT Gramedia Pustaka Utama.

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