

Limits of Scientific Thinking (Study of Improving Memorization through Tahfiz Qur'an Program at MTSN 02 Kotawaringin Barat)

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ABSTRACT

This research aims to analyze the limits of scientific thinking on how to improve memorization of the Al-Quran through the tahfiz program implemented at MTsN 02 Kotawaringin Barat. The research uses a qualitative research approach, a type of field research. Data was extracted through observation, interviews and documents. The subjects of this research were Tahfidz teachers and madrasa heads, while the informants were students, deputy madrasa heads and parents. Data analysis was carried out inductively. The results of this research show that humans were created by God and are perfect and great compared to other living creatures. Humans have minds and hearts. By thinking, a person can think deeply so that he can solve all problems and problems in life, humans will be able to know what is right and wrong, what is good and what is bad, and humans will be able to decide everything, driven by action and performance and needs. The challenging and challenging life problems faced by society over time require humans to think maturely, carefully, quickly and clearly, and have a positive impact on their lives. If thinking ability is low and thinking is slow, people are isolated from life. The Quran is a way of life for Muslims, all Muslims must study and understand it to better teach and develop all aspects of human behavior, so studying the Quran and Sunnah must be used from childhood. Young people can form the basis of mental health. One effort to maintain the purity of the Qur'an is by reading the Qur'an. There are many hadiths of the Prophet SAW that show the greatness of people who read the Koran. Reading the Koran is a noble and praiseworthy act in the sight of Allah, and Allah will place them in heaven with the Prophets.

Keywords: *Scientific Thinking, Improved Memorization, Al-Qur'an Tahfiz*

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INTRODUCTION

Education is one of the problems and goals discussed by many national and international groups, especially by education experts. The difficulty of the lesson is the weakness of classroom teaching. Apart from that, one of the biggest challenges facing the world of education is producing students who are good at thinking and making wise decisions about problems. One of them is students' ability to express their feelings (Widyawati, 2016). This includes students who develop and hone their thinking or skills from low, middle and high levels (State et al., 2016). Educational strategies for the millennial generation now focus on developing creativity by training students' critical thinking skills (Khoirudin & Muslimah, 2021).

Humans were created by Allah to be perfect and noble compared to other creatures (Muslimah et al., 2022). Humans have reason and conscience. By thinking, a person can think deeply so that he can solve all problems and issues in life, humans will be able to know what is right and what is wrong, what is good and what is bad, and humans can decide everything (Muslimah, 2016). driven by action and performance and need. With the advancement of time, the problems faced by humans in life have become increasingly complex (Muslimah et al., 2020), requiring humans to think rationally, accurately, quickly and clearly, and have a positive impact on their lives.

Al-Qur'an Al-Karim is a revelation that contains instructions for human life from Allah or Kalamulah, so it is hoped that by practicing the Al-Qur'an, children or students can practice what they have learned or received from the Al-Qur'an . Incorporate the Koran into your life every day. The Qur'an is a way of life for Muslims, all Muslims must study and understand it to better teach and develop all aspects of human behavior, so studying the Qur'an and Sunnah must be used from childhood.

Another way to maintain the purity of the Qur'an is to read it. There are many hadiths of the Prophet (sallallahu alaihi wa sallam) that show the strength of those who read the Qur'an. Reading the Qur'an is a noble and praiseworthy act until Allah SWT places them in heaven with the Prophets (Wijaya, 2000).

The person who reads the Qur'an is one of the servants chosen by Allah as the inheritor of the holy book of the Qur'an. As in the Qur'an surah Al-Baqarah verses 44, 73, 76, 219, 242 and 266. Likewise in surah Ali Imran verses 65 and 118, and surah Al-An'am verses 32 and 151. All His Words which related to life. His way of thinking is so that people do not make mistakes in life, they can protect, dominate and enrich the world they live in, as well as achieve the purpose of life, and the happiness of life in this world (Afandi, 2020).

One effort to memorize the Al-Qur'an is through the Tahfidz Qur'an program. Humans have memory is human emotions. Thanks to memory, people can think better, smarter and faster. With quick and surprising thinking, people quickly solve the problems they face in life. Low thinking ability and slow thinking lead to isolation from humans. Therefore, the human mind has no boundaries. However, the process of human scientific thinking is not easy, especially now that there are many problems and problems from within and outside humans themselves. Therefore, a kind of memory is needed that improves children's memory.

Middle school students use theories about thinking (*thinking*). The ability to think about things^{update} The present is very important for students, and with a high level of thinking. In fact, students can connect and integrate many of the ideas they have (Munir et al., 2021). Students can detail their thoughts on the benefits of reading, memorizing and studying the Al-Qur'an, therefore the existence of Al-Qur'an tahfidz programs in educational institutions is important (Gunawan & Muslimah, 2023). As with the Tahfidz Qur'an Program at MTs Negeri 2 Kotawaringin Barat, it is a program carried out outside of subjects, namely as an extracurricular. However, this program is mandatory for MTs Negeri 2 Kotawaringin Barat students. Held every day except Friday. In his learning, he invited ustadz and ustadzah from outside the school. Carried out before learning begins. Through this program, apart from sharpening memorization, it is also part of the process of increasing student learning achievement in the Al-Qur'an Hadith subject. MTs Negeri 2 West Kotawaringin is the only MTs that implements the Tahfidz Qur'an program in the Kumai area of West Kotawaringin, Central Kalimantan. Therefore, this research is important to analyze the limits of

scientific thinking in improving memorization through the Qur'an tahfizh program at MTSN 02 Kotawaringin Barat.

METHODS

The research method used in this research is a qualitative research method, namely research that is explained in words according to the researcher's questions and data processing without using statistical formulas. This research method involves the researcher interviewing research subjects and informants about the reality of the phenomenon, and also observing environmental situations related to the researcher's research focus, as well as looking for documentation that supports the data that has been extracted through observation and interviews. It is intended that researchers can provide detailed and accurate explanations when carrying out analysis. The points used in this research were obtained through direct interviews with research subjects and informants. The data extracted consists of primary data, namely those obtained directly and secondary data, namely data obtained through intermediaries such as books, the Al-Qur'an and Hadith, and other documents. Data analysis was carried out inductively, namely narrowing down the problem to obtain research results.

RESULTS AND DISCUSSION

The current era is called the millennium era and is marked by a massive shift from agriculture to a commercial society, creating science and technology and continuing to the information society. This has led to the rapid development of science and technology, and humans are no longer limited to information and communication, and global competition has emerged between countries. The millennium era has shown competition in all aspects including educational aspects. For this reason, education plays an important role in educating students to be able to face the challenges of the times. Therefore, all students need to be equipped with the 4Cs, which cover many personal and intellectual skills, including thinking and innovation, thinking and problem solving, communication and practice (Simamarta et al., 2020). Of these four abilities, the ability to think positively and scientifically is crucial to encourage millennial students.

Scientific Thinking

Cece Wijaya's scientific thinking ability is the task of identifying thoughts or feelings in a certain way, differentiating them well, and selecting, defining, discovering and developing them better (Indriani et al., 2021). Therefore, scientific thinking skills are better for student interaction and are directly related to searching and processing information to support students' intellectual development, including studying the Koran. Students can change their thinking, find some solutions or ideas, or create their own knowledge, understand the benefits of memorizing the Koran, and so on. Scientific thinking skills also enable students to ask the right questions, collect and analyze relevant information, and communicate effectively with others to find solutions to complex problems. This shows that scientific thinking skills are very important for students to better understand the information presented and be able to apply the ability to make important decisions in studies and everyday life, thus enabling students to solve social problems and succeed, solve scientific problems and work ideas, in the future.

The thinking skills that need to be developed are healthy scientific (logical) thinking skills, namely thinking skills that are in harmony with the desire to develop,

so that the results of a person's thoughts are creative ideas or concepts that can be used for oneself, other people, or the community environment in which they live. Work. An effective method of thinking skills is to practice thinking regularly under the guidance of a teacher who has mastered this field in order to think well. This can be done through formal or non-formal education, you need to know various considerations quickly and use certain methods such as the method of memorizing the Al-Quran as a reality of the tahfidz Qur'an program, because it can sharpen the brain and function it optimally.

The brain is an important organ that controls organs in the human body, controls cognitive functions, regulates body temperature, receives, responds and remembers internal and external information. With imagination, people can face external threats, talk and learn about science and technology. Meanwhile, memory is a method that is often used in thinking. Thanks to memory, the human brain automatically stores information and any information that can later be reused.

Improved Memorization

Memory or memorization is an activity of placing information in the memory or thinking of the human brain so that it can be repeated or recalled later as the original product. This education can be taken from birth until the end of life. Without education, it is impossible for a group of people to live and grow, progress, develop and be happy according to their respective philosophy of life and desires (Muslimah et al., 2023). Education is also needed to determine the development of a person's ability to develop self-confidence. The aim of studying this is to train students as human beings who believe and are devoted to Allah SWT, which is one of the goals of Islamic education.

Islamic education is a process or effort to change a person's character, behavior and behavior in accordance with the teachings of the Islamic religion given by the Al-Qur'an and As-Sunnah (Effendi et al., 2023). In the process of Islamic education, efforts are made to be linked to the souls of students in order to achieve the goal of instilling devotion and morals, ennobling rights, and thereby creating individuals with character and morals.

One way to improve the quality of Islamic education is to teach the Koran to students (Fajri et al., 2022). Memorizing the Qur'an is at the highest level compared to reading and listening to other people's reading, because it provides three tasks at once, namely reading, rereading and storing memory. However, learning how to read the Al-Qur'an is beneficial for memorization strength (Kiftiyah et al., 2023). Because memory determines the strength of memory.

Method Menghafal Al-Qur'an

There are many methods that can be used to make memorization easier and eliminate boredom in the process of memorizing the Al-Qur'an. These methods are:

a. Wahdah Method

The wahdah method is to say the verses you want to say one by one. Then, each phrase can be said ten or more times to see what patterns can be created in this process. In this way, the reader not only mentally corrects the lines he has marked, but also corrects them until they are reflected in his words. After backing up, continue to the next section in the same way. This method is suitable for beginner and forgetful readers and is also suitable for children who need teaching, reading the holy book repeatedly until they can read and remember (Wijaya, 2000).

b. Kitabah Method

Kitabah means writing. In this method, the memorizer writes on a piece of paper the verses to be memorized. After that, read the verse until it is fluent and correct, then memorize it. Memorizing can be done by writing verses several times, so that people who memorize them at the same time can pay attention and recite the verses of the Koran silently. This method can be used as an alternative to the wahdah method, the Kitabah can be used for memorizers who have difficulty remembering, by reading their own writing a memorizer can more easily remember and feel the memorized verses (Alawiyah Wahid, 2014)

c. Sima'i methods

Sima'i means hearing. Sima'i means "hearing", that is, by listening and memorizing. This method is especially good for people with good memories, because they can remember as long as they listen. In addition, this method is suitable for young children who cannot yet read and write the Koran, as well as for the visually impaired.

d. Combined Method

This method is a combination of unity and scripture. After reading the given passage, the reader will try to write the given sentences. If you can reproduce the statement in writing, continue to the next section. The advantage of this method is that it has two functions: improving memory and improving memory in writing (Alawiyah Wahid, 2014).

d. Pit methods

The jama' method is a group reading method in which the teacher reads a verse and the readers practice together, repeating the verse over and over until the verse is pronounced correctly. Go into the shadows and repeat without mushaf until everything is memorized (Alawiyah Wahid, 2014).

Understanding Tahfidz Al-Qur'an

The term tahfidz Al-Qur'an is a combination of the words tahfidz and Al-Qur'an. The word tahfidz is a form of masdar ghoiru mim from the words *حفظ - يحفظ - تحفيظا* which have the meaning of nurturing, looking after and memorizing (Munawwir, 1999). Tahfidz in Arabic means to memorize. Meanwhile, according to Hidayatullah, memorizing is the activity of recording what is read and understood. Memorizing is an activity of embedding material into memory and also storing impressions which one day can be recalled to the conscious mind (Daradjat, 2014).

However, the Qur'an is the word of Allah, sent to the Prophet through Ruhul Amin (angel Gabriel). Starting with the letters Al-Fatihah and ending with the letters An-Nas (Fahrianur et al., 2022).

Memorization means an effort to memorize oral material in such a way that it can later be repeated from the original material. The main features of these learning outcomes are knowledge representation and cognitive schemas. The existence of a cognitive schema means that an information program is stored in memory and can be retrieved as needed. Forming such ideas is a condition for good memory. Another requirement that must be met is to repeat the information that has been memorized until it is firmly embedded in memory.

Khalid said that the plan to read the Qur'an or the tahfidz plan is to read the Qur'an mutqin (strong reading) and mark its strong meaning, so that life problems are different for each person, easily revealed, the Qur'an is always and always in it at a high level, so that it is easy to apply and practice (Abdul Karim al-Lahim, 2008).

From the points above, it can be concluded that tahfidz Qur'an is reading the verses of the Qur'an many times until they are memorized, then listening to other people, memorizing them so you don't forget, and practicing them in everyday life.

Tahfidz Program Objectives

According to Ahmad Luthfi, the program is: students can understand and know the importance of memorizing the Al-Quran, students can be good at reading several types of texts. Students can use it to read the Quran and recite verses from the Quran at different times.

The law of memorizing the Qur'an

Memorizing the Koran is fardhu kifayah. The scholars agree that memorizing the Qur'an is fardhu kifayah, fiqh scholars say that what is meant by fardhu kifayah is that if no one does a job in one area then everyone in that area will suffer a sin, because they did not do that action (Chatibul , 1988).

Conditions for memorizing the Qur'an

A person who wants to read the Koran must comply with many things, for example: clear his mind of thoughts, feelings and questions that may exist; control emotions, have a generous heart, be patient and patient, stay in the right direction, stay away from disobedience and shame, have permission from parents, guardians or husbands, and be able to read the Qur'an correctly (Wijaya, 2000) .

Implementation of Tahfidz Qur'an

The Quran tahfidz program run by MTS Negeri 02 Kotawaringin Barat is additional learning for all students. The Quran tahfidz program only started four years ago, namely in 2020. The system for implementing the tahfidz program at MTSN 2 West Kotawaringin is that it is carried out every day except Fridays starting at 07.00-08.15 WIB before learning starts at school. The systematic way is that the ustadz and ustadzah guide the tahfidz students directly in the classroom which has previously been divided into a schedule for the ustadz and ustadzah who guide the tahfidz students in each class. Previously, students who could not read the Al-Qur'an were first selected, guided to learn to read the Al-Qur'an, while students who were already fluent in reading the Al-Qu'an were guided to memorize short surahs that had been determined. If you have memorized it, you must submit your memorization to the ustadz and ustadz (Observation at MtsN 02 Kotawaringin Barat).

The Ustadz and Ustadzah who teach and guide the tahfidz Qur'an program at MTsN 2 Kotawaringin Barat are taken from outside the school who specialize in hafidz Qur'an/graduates of Islamic boarding schools. They specifically teach tahfidz of the Qur'an. When they come to school in the morning, after the tahfidz is finished they go home and then the students continue their scheduled lessons at school. Meanwhile, there are permanent teachers at MTsN 2 Kotawaringin Barat who serve as chairman and treasurer of the tahfidz Qur'an program, they are always ready to replace them if the ustadz and ustadzah are unable to attend (Observation at MTsN 02 Kotawaringin Barat)

According to the head of the tahfidz Qur'an program at MTsN 2 Kotawaringin Barat, in the future this hafidz Qur'an program will create a special curriculum and an evaluation/munaqasah will be held and a graduate graduation will be held for students who pass/memorize the hafidz Qur'an program once a year. So it will be a source of pride for the hafidz and hafidzah who graduate and will be a source of pride for their parents. The Qur'an hafidz program is expected to facilitate and improve students' memorization so that they can think critically and scientifically and further

improve their learning and learning achievements, both in general subjects or religious subjects and in other fields (Head interview MTsN 02 West Kotawaringin).

CONCLUSION

Critical thinking skills are the activities of identifying, differentiating, selecting, analyzing, finding and developing thinking methods or ideas in a certain way. Critical thinking skills are important to help students better understand the knowledge and practices presented so that they can make important decisions in their learning and in everyday life, thereby enabling students to solve social, scientific and practical problems in the future. The thinking skills that a person must develop are healthy scientific (logical) thinking skills, namely thinking skills that are in harmony with the desire to develop, so that the results of his thinking are in the form of ideas or ideas that can be used for himself and others. The person or community environment in which he works. An effective method of thinking skills is to practice thinking regularly under the guidance of a teacher who has mastered this field in order to think well. People strive to develop positive thinking through consistent practice and awareness. This can be achieved through education obtained from birth until the end of life. Memorizing means an activity of placing information in the memory or thinking of the human brain so that it can be recalled or recalled from old things. Learning how to read the Koran is useful for memorization. Because memory determines the strength of memory. Another step to improve students' memory is the Qur'an tahfiz program at school. Tahfidz Qur'an at MTsN 2 Kotawaringin Barat can accelerate and develop students' memories, make them think critically, research and strengthen learning and achieve academically in subjects.

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