

## **Multiple Intelligence in Strengthening Adolescent Education Based on Psychology and Communication Technology Perspective of The Qur'an**

Nurbaiti

[nurbaiti@ptiq.ac.id](mailto:nurbaiti@ptiq.ac.id)

Muhammad Darwis Hude

[darwis@ptiq.ac.id](mailto:darwis@ptiq.ac.id)

### **ABSTRACT**

This study aims to provide solutions to adolescent problems that occur with multiple intelligences and a variety of activities for adolescents. Multiple intelligences based on psychology and communication technology and strengthened by the perspective of the Qur'an, are expected to be able to provide a new model in strengthening youth education so that one day they will become the next generation of a nation and state that creates world prosperity and peace. The research methodology is library research, as well as qualitative methods but are strengthened by field data from related previous studies and using thematic interpretation methods to strengthen the perspective of the Qur'an. The results of this study prove that multiple intelligences can be achieved by realizing eight responsibilities to children and providing means to improve these multiple intelligences such as a variety of activities that can be carried out with the cooperation of various elements related to adolescents, from family, school, community to government.

Keywords: Adolescents, multiple intelligences, psychology, communication technology, Al-Qur'an

### **Introduction**

Adolescents as individuals experience a process of growth and development. Growth in adolescents is related to quantitative changes, namely an increase in size and structure, not only in terms of physical growth, but also the size and structure of organs in the brain increases. Meanwhile, development is related to qualitative and quantitative changes which are progressive sequences of changes that are orderly and coherent. (Yudrik Yahya, 2015) In undergoing the second process, adolescents experience a variety of experiences that can become input for patterns of thinking and acting.

The variety of experiences adolescents receive in their growth and development process can have both positive and negative impacts. This is due

to factors that affect adolescents. (Panut Panuju and Ida Umami, 2005) Factors that influence individual processes are also known as delinquency. (Fitri Afrita, 2023) When these factors are positive, teenagers are able to become good individuals, but conversely when these factors are negative, they will lead to deviant behavior such as juvenile delinquency.

Juvenile delinquency is a social problem in every country. WHO data in 2016 mentions various causes of premature death in adolescents which are a social problem for a nation, such as tuberculosis and interpersonal violence. Data from Unicef 2021 shows an increase in adolescent health problems, such as an increase in young women smoking in 2014 by 2.5% and 33.5% for young men. Then in 2019 it increased for young women to 2.9% and young men to 33.9%. (Unicef, 2021) This data confirms that tuberculosis is a trigger for death in adolescents. Meanwhile, data from Criminal Statistics 2022 provides quite pleasant results with a decrease in the percentage of fights between students, namely in 2014 it was 0.09%, in 2018 it was 0.13% and in 2021 it became 0.04%. (<https://www.bps.go.id/>, 2023) This is a hope that juvenile delinquency can be minimized.

Regarding interpersonal violence, data was found on its relation to mental health. As many as 57% of teenagers feel ashamed to report violence and their mental health conditions to others, even 22% of teenagers think that psychological counseling and therapy will have a negative impact on their future. (Unicef, 2021) This understands that efforts to deal with juvenile delinquency using a psychological approach are not enough, so another solution is needed in this matter. One of the solutions offered is strengthening education for adolescents by providing multiple intelligences. This is corroborated by the data, that the main activity of adolescents is attending school as much as 44.3%, working 30.4%, not attending school and not working 13.9% and 11.4% of youth attending school while working. (Zainal Fatoni, et al, 2020)

Multiple intelligences were previously known as multiple intelligences which was initiated by Howard Gardner in 1993. Among multiple intelligences namely; verbal-linguistic intelligence,<sup>1</sup> logical-mathematical

---

<sup>1</sup>Verbal-linguistic intelligence is the ability to use words. This intelligence can be seen from a person's ability to express what is in his mind both orally and in writing.

intelligence,<sup>2</sup> visual-spatial intelligence,<sup>3</sup> kinesthetic intelligence,<sup>4</sup> musical intelligence,<sup>5</sup> intrapersonal intelligence,<sup>6</sup> interpersonal intelligence,<sup>7</sup> naturalistic intelligence<sup>8</sup> and existential intelligence.<sup>9</sup> (Kiki Novitasari and Scholastic Mariani, 2023) In the world of education, multiple intelligences play a role in improving the quality of students or students. In fact, the theory is combined with a variety of educational facilities according to the needs of each student's place.

One of the intelligences possessed by adolescents is interpersonal intelligence. In the Qur'an interpersonal relationships are explained in relation to emotional communication. This is corroborated by the results of one study, that emotion is a medium of communication between humans. In Surah al-Hasyr/59: 9 it is emphasized the importance of strengthening monotheism which is a form of emotional communication in social life. (Darwis Hude, 2006) At present, <sup>10</sup>teenagers like to carry out various activities using communication technology, such as smart phones. However, this needs to be balanced with multiple intelligences, such as intelligence in communicating. Intelligence in communicating with advances in technology makes teenagers closer to those who are far away and not phubbing behavior. Phubbing is a busy activity with a smartphone/hand phone such as reading WhatsApp messages, reading FB status, reading Twitter, updating IG status, or just having fun taking selfies. That activity makes who are near are distanced. (Nurbaiti, 2021)

Technological advances, especially after the Covid-19 pandemic, are tips for increasing. Forms of communication-technology-based educational and learning facilities are starting to be used massively. E-learning as an Information Technology-based interactive learning media is manifested in the form of modules about teacher content. (Afrizal Mayub, 2023) Even in Malaysia in 2010 a survey was conducted with the results that the majority of

---

<sup>2</sup> Logical-Mathematical Intelligence is an ability related to numbers, logic and feelings.

<sup>3</sup> Visual-Spatial Intelligence is an ability related to observing images or space.

<sup>4</sup> Kinesthetic intelligence is an ability related to expression through the body and feelings.

<sup>5</sup> Musical Intelligence is the ability to recognize musical patterns.

<sup>6</sup> Intrapersonal intelligence is the ability to act on one's own will and beliefs.

<sup>7</sup> Interpersonal Intelligence is the ability to understand other people.

<sup>8</sup> Naturalistic intelligence is the ability to do things related to nature.

<sup>9</sup> Existential Intelligence is the ability to understand something related to spirituality and belief.

respondents (82.5%) stated that they enjoyed using computers and ICT in the teaching and learning process and only a few respondents (8.3%) stated that they were not happy. (Christina Andin, et al, 2010) After that, multiple intelligences are implemented with various youth activities to maximize their productive age.

Multiple intelligences that can be obtained not only from the theory of multiple intelligences, but also from the results of implementing responsibility for children based on the views of Muhammad Nasih 'Ulwan in the book *Tarbiyatul Awlâd*. Thus, it is necessary to formulate another model of multiple intelligences that can provide educational reinforcement for youth based on psychology and communication technology in the perspective of the Qur'an. This multiple intelligence is then implemented with a variety of positive activities for adolescents and this requires support and guidance from family, school, community and government so that youth become individuals who have multiple intelligences that benefit the people.

Based on the explanation above, there are several problems such as youth problems with various discussions; the adolescent phase, juvenile delinquency factors, then multiple intelligences, multiple intelligences and the problem of advances in communication technology in the world of education. In this study, the author will focus on adolescent problems, and offer multiple intelligences, another model of multiple intelligences based on eight responsibilities to children, so that multiple intelligences can be formulated in strengthening education for adolescents based on psychology and communication technology in the perspective of the Qur'an.

The purpose of this study is to describe adolescents starting from the types of adolescent phases, factors of juvenile delinquency, then analyze the multiple intelligences of eight responsibilities to children based on psychology and communication technology so that they can be implemented in strengthening education for adolescents and then provide some examples of youth activities.

This research uses a qualitative method with library research and is strengthened by field data from previous studies related to themes and methods of thematic or *maudhu'i* interpretation to strengthen the perspective of the Qur'an, both through structural, thematic and historical analysis.

## **Theoretical review**

In this study, the authors use the theory of developmental psychology, the theory of multiple intelligences and the theory of communication

technology. The discussion of discourse and normative support is about youth and multiple intelligences based on psychology and communication technology and the Qur'an.

Some relevant previous research such as *Implementasi Pendidikan Agama di Sekolah katolik Kota Blitar dan Dampaknya Terhadap Interaksi Sosial*, Akhmad Shunhaji's dissertation which explains the urgency of religious education. Karim Santoso's dissertation entitled *Manajemen Pembelajaran Multiple Intelligences; Teori ke Praktek*. Several articles in journals, such as the IJJET Journal by Afrizal Mayub and Fahmizal entitled *Developing Multiple Intelligences Through Ict-Based E-Learning Programs*, and *Adolescent Psychology* by Amita Diananda in *the ISTIGHNA Journal*. *Pengaruh Strategi Multiple Intelegences Terhadap Hasil Belajar Ips Murid Sekolah Dasar Kelas IV Sdi Anagowa*, the results of research by Hardiyanti Riberu, et al from the Muhammadiyah University of Makasar in *Jurnal Pendidikan*. Writing by Ahmad Zain Sarnoto and Moh Yusuf from PTIQ Jakarta University in the *Education Journal* with the title *Pengaruh Kecerdasan Jamak Dan Sekolah Berasrama Terhadap Karakter Siswa dan Nama-nama Tuhan Dalam Perspektif Kecerdasan Jamak and the Names of God in the Perspective of Multiple Intelligences (Names of God in The Perspective of Multiple Intelligence)*, by Ansharullah, University Muhammadiyah Jakarta in the *Proceedings of The 2nd International Multidisciplinary Conference 2016 November, UMJ-Indonesia*.

## **Discussion**

### **A. Youth Discourse**

#### **1. Adolescent Phase**

Adolescence is an individual transitional phase from childhood to adulthood. The characteristic that can be seen is that there are many changes that occur, both physical and psychological changes. (Amita Diananda, 2018) Physical changes in adolescents affect almost every adolescent's life, because late physical maturity can cause psychological difficulties. (Robert S. Feldman, 2012) The condition of female and male adolescents is slightly different and the differences in biological anatomy and chemical composition of the human body have implications for human behavior. (Nasaruddin Umar, 2001)

Adolescents go through several phases, namely early adolescents (12-15 years old), middle adolescents (15-18 years old) and late adolescents (18-21 years old). (Rifki Yasa Hambali, et al, 2023) In Islam, the adolescent growth period is part of a phase of human life. The Qur'an also mentions the cycle of

human life, from weak to strong, then to weak again. This is mentioned in Surah Ar-Rum/30: 54;

اللَّهُ الَّذِي خَلَقَكُمْ مِنْ ضَعْفٍ ثُمَّ جَعَلَ مِنْ بَعْدِ ضَعْفٍ قُوَّةً ثُمَّ جَعَلَ مِنْ بَعْدِ قُوَّةٍ ضَعْفًا  
وَشَيْبَةً يَخْلُقُ مَا يَشَاءُ وَهُوَ الْعَلِيمُ الْقَدِيرُ

*Allah is the One who created you from a weak state, then He made (you) strong after being weak. Then, He made (you) weak (again) after being strong and gray. He creates what He wills. He is All-Knowing, All-Powerful.*

When going through a phase of their life, adolescents will respond to various external factors with attitudes and speech. Sometimes teenagers behave positively when they get good growth input and have positive value. Vice versa. Teenagers will behave negatively which is commonly known as juvenile delinquency.

## 2. Juvenile Delinquency

One of the social problems that often occur in today's society is deviant behavior by adolescents which is commonly referred to as delinquency. One of the factors from within adolescents is the lack of understanding of religious values, weak self-defence, lack of family love and a weak family economy, an unfriendly community and school environment. (Fitri Afrita and Fadhilla Yusri, 2023) External factors that are not good for adolescents can be one of the causes of crime. (Aroma Elmia, 2020) Of course this is something to watch out for.

Several factors cause juvenile delinquency, such as;

- a. Parental Negligence
- b. Family conflict
- c. Uncontrolled sales of contraceptives
- d. Uncomfortable School Environment
- e. Idle life
- f. Sales of liquor and drugs that are free
- g. Ease of obtaining pornographic media

In the explanation above, it appears that the development of communication technology facilities is one of the causes of juvenile delinquency, namely when their use is not wise and parents lack control over adolescent activities in using technology. (Tika Fitria, 2017)

Juvenile delinquency in the aspect of sexuality is also a serious problem. They are not concerned about the consequences and risks of delinquency in immoral acts, especially prostitution. It is even stated in the

data that adolescents are aged 13-24 years and most are aged 17-21 years with a variety of sexual relations. (Kartini Kartono, 2015) These data indicate that juvenile delinquency occurs in adolescents with various adolescent phases. If in the early phase, teenagers do not get guidance and education, it is feared that juvenile delinquency will occur.

Teenagers need guidance and assistance in going through the adolescent phase in their lives. This involves families, educational institutions, communities and government. This can be started by providing education to get multiple intelligences for teenagers. Educational institutions are one of the most important parts of education and the multiple intelligences of youth besides parents. Teenagers spend a lot of time at school, so they need comfortable conditions. Educational institutions need to take care of teenagers as students and avoid aggressive behavior in the school environment. (Fattah Hanurrawan, 2018) The attention of educational institutions starts with providing good teacher human resources and behaving as educators. Such as creating a conducive learning-teaching situation. (Ujam Jaenudin, 2017)

In Surah At-Tahrim/66:6 Allah says;

يَا أَيُّهَا الَّذِينَ آمَنُوا قُوا أَنْفُسَكُمْ وَأَهْلِيكُمْ نَارًا وَقُودُهَا النَّاسُ وَالْحِجَارَةُ عَلَيْهَا مَلَائِكَةٌ غِلَظٌ شِدَادٌ لَا يَعْصُونَ اللَّهَ مَا أَمَرَهُمْ وَيَفْعَلُونَ مَا يُؤْمَرُونَ

*O you who believe, protect yourselves and your families from the fires of hell whose fuel is humans and stones. Its guardians are angels who are rough and hard. They are not disobedient to Allah in what He orders them and always do what they are told.*

Ibnu Katsir interprets the verse, that protecting the family is by educating and teaching them to obey Allah, having fear when they are about to commit disobedience, and inviting them to always remember Allah. When this can be done, then Allah will protect them from the heat of hell fire. (Ibnu Katsir, 2001)

The author sees the appeal in the verse to people who believe, so this has a broad meaning, not only for parents, but also for every other believer, such as educational institutions, society and even the state. The family is the initial object of strengthening the faith, because family is the foundation of a country. When a family becomes a family that has strong religious beliefs, is obedient, and pious, it will be able to have health, both physical, psychological, mental and spiritual.

## **B. Multiple Intelligences**

Intelligence is closely related to the level of a person's ability to adapt to their environment, both physical and non-physical abilities (Asep Kurniawan, 2015). In 1993 Howard Gardner initiated the theory of multiple intelligences. The theory explains that humans have at least eight intelligences. However, Gardner's eight intelligences do not involve human relations with the Creator. Until then, research was carried out by Danah Zohar and Ian Marcell who finally found spiritual intelligence in humans. (Ansharullah, 2016) Moreover, the tendency to believe in God has been carried by humans since birth, which is known as the nature of God (religiousness). (Darwis Hude, 2017)

The author offers another model of multiple intelligences based on the results of parental responsibility in educating children so that children have various intelligences. The multiple intelligence model that the author offers is based on Abdullah Nasih Ulwan's view in his work *Tarbiyatul Awlaad*, that every parent has seven responsibilities to their child. The seven responsibilities are; responsibility of faith, morals, body, mind, psychology, social and sexual (Abdullah Nasih Ulwan, 2007)

When these seven responsibilities can be given with various forms of education in the hope that children (especially teenagers) are able to have multiple intelligences. However, one thing to keep in mind is that the multiple intelligences that a teenager already has, are continuously fostered and guided by providing a variety of productive and positive activities. In this case the Al-Qur'an gives confirmation to worry about leaving the family in a weak state, that is, lack of intelligence.

In Surah An-Nisa'/4: 9 Allah SWT says;

وَلْيَخْشَ الَّذِينَ لَوْ تَرَكَوْا مِنْ خَلْفِهِمْ ذُرِّيَّةً ضِعْفًا خَافُوا عَلَيْهِمْ فَلْيَتَّقُوا اللَّهَ وَلْيَقُولُوا قَوْلًا سَدِيدًا

*Let them be afraid of those who should (die) leave after them weak offspring (which) they fear for them. So, fear Allah and speak the right words (in terms of protecting the rights of their offspring).*

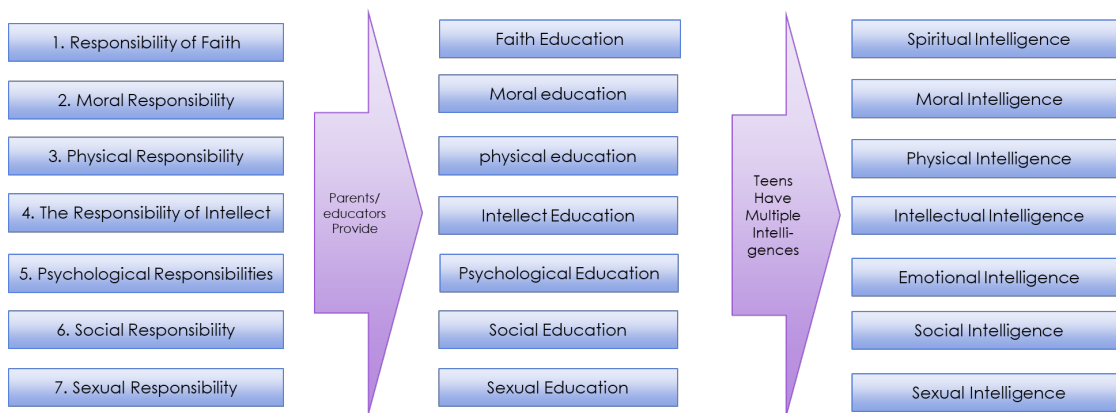
Sayyid Qutub interpreted this verse, that the heart of a father always wants to give love to his offspring. So, when someone becomes an orphan, he loses a father figure who used to love him. (Sayyid Qutub, 2003)

This verse is a warning for every parent to give love to their offspring by providing education, because he does not know who will educate his child when he dies. In addition, the verse reminds caregivers of orphans to be patient in educating them. (Nurbaiti, 2021) Every parent is expected to be able to carry



out seven responsibilities by providing education so that the mandate that God gives has multiple intelligences.

**Figure 1.**  
**Scheme of Parental Responsibilities in Giving Birth to Children's Multiple Intelligences**

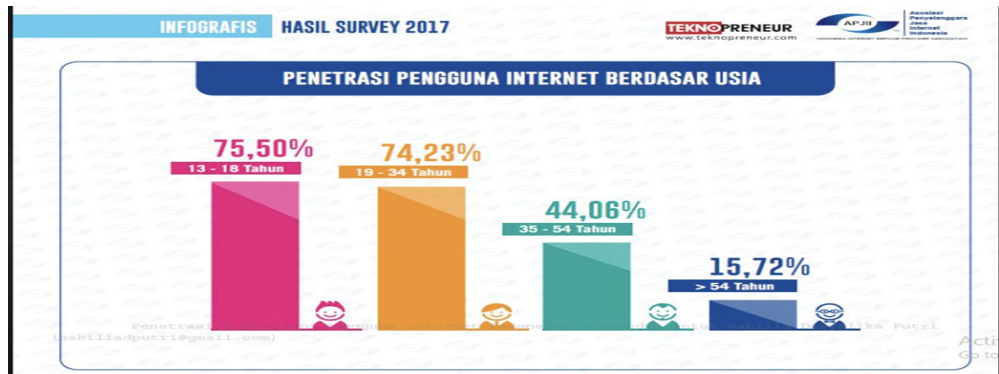


### C. Communication Technology

Technological advances after the Industrial Revolution 4.0 have made humans inseparable from technology. Technological developments have penetrated all aspects of human life, even to aspects of personal needs, such as sexual needs. Technology will continue to develop along with the development of human needs and this is in accordance with QS. Ar-Rahman/55: 33. (Nurbaiti, 2021)

One thing that needs to be considered in adolescents is access to the internet. Darwis Hude explained that the data released by visualcapitalist in March 2019 stated that in one minute a unit of time various events occurred in the internet world. Google was asked by 3.8 million searches, there were one million Facebook logs, there were 4.5 million videos watched through the YouTube application, around 390,000 applications were downloaded, 87,500 tweets and transactions of USD 996,956 occurred in online buying and selling transactions. (Nurbaiti, 2021). In addition, in 2017 survey data it was found that teenagers are the most internet users in the world.

**Figure 2.**  
**Internet User Survey Results Based on Age**



Currently the internet is a medium for pornographic transactions, (Paisol Burlian, 2016) so that teenagers who are still under the responsibility of their parents need effective guidance and supervision so that their creativity in using the internet produces useful work and not just spending their productive age.

#### **D. Implementation of Multiple Intelligences in Strengthening Youth Education**

##### **1. Spiritual Intelligence**

Spiritual intelligence can be realized, among others, by providing religious education. Religious education aims to make students become scientists who have faith and piety in devoting their knowledge for the welfare of mankind (Akhmad Shunhaji, 2017). In addition, spiritual intelligence can be obtained from faith education given by parents or other people so that a person is able to become ibâdurrahman. (Nurbaiti, 2021)

In the Qur'an, Lukman al-Hakim, who is a father, gives advice to his son through dialogue. From some of the advice given, the first advice is a matter of faith. (QS. Lukman/ 31: 13) It appears that spirituality is the main main education given by parents to their children. This is also strengthened by Pancasila which is the basis of the Indonesian State, namely the first precept, Belief in One Almighty God. When spiritual education is given, it is hoped that children, especially teenagers, will be able to have spiritual intelligence.

Spiritual intelligence can be implemented in everyday life, namely in the quality of a teenager's worship. However, apart from personal activities, teenagers can carry out religious activities together with their friends, such as holding activities on religious holidays, holding religious and even interfaith dialogues to foster national unity and integrity. This activity can be sponsored by families, educational institutions, the community and even the government, such as activities on Religious Moderation which are currently being held quite massively in Indonesia.

Religious activities carried out by teenagers together can be carried out using technological advances, such as using Zoom, Google Meet and so on. This activity, although virtually, is expected to be able to strengthen spiritual intelligence. When a teenager's spiritual intelligence is strong, he will have a strong belief in God and will always be optimistic in going through the phases of his life.

## 2. Moral Intelligence

Moral is related to morals. In the Al-Qur'an there are various verses that explain the urgency of having good morals. Since elementary school, teenagers get moral education, for example from religious subjects and social sciences. Moral education continues to be given to adolescents with the hope that when they go through puberty, they will be able to control themselves from bad actions, such as juvenile delinquency.

Moral intelligence resulting from moral education can be implemented in the daily lives of young people. One of the moral education by instilling an attitude of honesty and trustworthiness. These two attitudes will be able to make a teenager have a noble and noble personality. In fact, the Prophet Muhammad SAW taught his people to always be honest individuals, because it will bring them closer to goodness and kindness will bring them closer to rewards (heaven). In one hadith it is stated;

عَنْ عَبْدِ اللَّهِ بْنِ مَسْعُودٍ رَضِيَ اللَّهُ عَنْهُ قَالَ : قَالَ رَسُولُ اللَّهِ صَلَّى اللَّهُ عَلَيْهِ وَسَلَّمَ: عَلَيْكُمْ بِالصِّدْقِ ، فَإِنَّ الصِّدْقَ يَهْدِي إِلَى الْبِرِّ ، وَإِنَّ الْبِرَّ يَهْدِي إِلَى الْجَنَّةِ ، وَمَا يَزَالُ الرَّجُلُ يَصْدُقُ وَيَتَحَرَّى الصِّدْقَ حَتَّى يُكْتَبَ عِنْدَ اللَّهِ صِدْقًا ، وَإِيَّاكُمْ وَالْكَذِبَ ، فَإِنَّ الْكَذِبَ يَهْدِي إِلَى الْفُجُورِ ، وَإِنَّ الْفُجُورَ يَهْدِي إِلَى النَّارِ ، وَمَا يَزَالُ الرَّجُلُ يَكْذِبُ وَيَتَحَرَّى الْكَذِبَ حَتَّى يُكْتَبَ عِنْدَ اللَّهِ كَذَابًا .

*From 'Abdullâh bin Mas'ûd Radhiyallahu anhumâ, he said: "Rasûlullâh peace be upon him 'alaihi wa sallam said, 'You should always be honest, because honesty leads to goodness, and kindness leads someone to Heaven.*

*And if a person is always honest and chooses to be honest, he will be recorded by Allah as an honest person. And stay away from lying (lying), because lying leads someone to evil, and evil leads someone to Hell. And if someone always lies and chooses to lie, then he will be recorded by Allah as a liar (liar).'" (HR Bukahari, Muslim, Abu Dawud, At Tirmidzi, Al Baihaqi, Ibn Hiban).*

Moral intelligence can be trained by holding riyadhah activities in terms of tasawuf and tazkiyatun nafs. In addition, teenagers form and are in a good and positive community or environment.

In increasing moral intelligence, teenagers can learn from social media, such as videos that depict social experiments on moral issues. This learning can be interesting for teenagers when they are happy with their gadgets. The gadgets they have are not only for entertainment or entertainment, but also as a means of learning, including in matters of morality. Even teenagers can organize fundraising for victims of natural disasters by creating flayers on social media or joining fundraising platform applications, such as Kitabisa.com.

### **3. Physical intelligence**

Teenagers are individuals who are experiencing a period of growth and development. Especially in terms of physical problems, teenagers are expected to have a strong and healthy physique, as the saying goes "A healthy mind resides in a healthy body." Adolescents are expected to be able to maintain their immunity and body health by eating healthy, balanced nutritious food and exercising regularly. Hamka explained QS. Al-Anfal/8: 60, that Umar bin Khattab agreed to Sa'ad bi Abi Waqas to make a field where youths could practice. (Hamka, 2020) The author understands that every teenager needs facilities for their physical activities, such as sports fields. So, both parents, educational institutions, the community and the government need to pay attention to the availability of facilities for youth physical activity.

In educational institutions, sport is one of the subjects, both theoretically and practically. Sport is expected to be able to become a different form of education because it can be done inside or outside the classroom, so that teenagers will feel more enthusiastic. In one community service study it was found that the role of sports culture in suppressing juvenile delinquency was carried out, one of which was in Karawang on a sample of adolescents aged 14-16 years. (Rifki Yasa Hambali, 2023)

Sports Culture Week can be carried out with joint sports competition activities. In addition, by using technological advances, activities related to

physical intelligence can be carried out, such as inter-school sports championship competitions. This activity will have a positive impact such as togetherness and growing youth awareness of the importance of having a healthy and fit body.

Currently sports can be done using communication technology tools, such as e-sport tournament competitions.<sup>11</sup>In Indonesia alone, the popularity of e-sports can be seen from the competitive mobile game segment such as Mobile Legends, PUBG Mobile, Free Fire, and so on. (<https://tekno.kompas.com>) For teenagers who like communication technology tools as well as sports, they can combine their two hobbies in one useful activity, namely e-sport. This illustrates that the use of communication technology tools is not always negative when used by a teenager.

#### **4. Intellectual Intelligence**

A learning can be successful when the teacher understands the characteristics of students. (Karim Santoso, 2018) Students have different characters, including the level of intellectual ability in understanding the subject matter. Therefore, the teacher not only educates, but is also able to be a motivator for students.

The education that adolescents get both at home and at school will develop their intellectual intelligence. Especially with advances in technology, information facilities for teenagers are very easy and affordable. Teenagers who are full of curiosity and curiosity often carry out various experiments in using technological devices, including applications that are easy to download on their smart phones. This will have a positive impact, but parents and students still need to supervise activities to increase the intellectual intelligence of teenagers with technology.

Parents and institutions need to hold field activities for youth to improve their intellectual intelligence, such as holding study tours to schools, holding various competitions between schools. In addition, the community also needs to help adolescents' intellectual health by becoming environmental

---

<sup>11</sup> In 1952, a computer scientist named Alexander Shafto Douglas created a game similar to "XOX" or commonly called "Javanese Chess", as an illustration of the interaction between computer systems and humans. The game was created as Alexander's thesis for a doctorate. This game allows one to play competitively against a "computer" for the first time in the world. The competitive nature of this game then developed in the following years. In 1958, another computer scientist named William Higinbotham created a game called Tennis for Two. <https://tekno.kompas.com/read/2022/06/10/14010037/History-e-sports-di-dunia-turamen-dan-game-pertama-Jadi-entry-branch?page=all>. Retrieved 21 June 2023.

supervisors so that adolescents grow and develop in a healthy and good environment.

Intellectual intelligence in the Qur'an is stated to be based on faith. When faith and intellect unite, a person will be elevated in rank (QS. Al-Mujadilah/58: 11) and as a human being who is beneficial to others. Because humans are actually created with the vision of being servants of Allah, *khalifah fi al-Ardh* (functional vision) and maintaining peace and prosperity in the world (operational vision).

Intellectual intelligence with a strong foundation of faith will guide adolescents when increasing their intelligence by using communication technology tools, communication smart phones, smart phones or gadgets. Teenagers will be wiser when searching with their smart phones by keeping their eyes peeled, such as avoiding watching pornography. Thus, advances in communication technology tools can maximally provide positive means for adolescents in increasing their intellectual intelligence.

Currently sports can be done using communication technology tools, such as e-sport tournament competitions. In Indonesia alone, the popularity of e-sports can be seen from the competitive mobile game segment such as Mobile Legends, PUBG Mobile, Free Fire, and so on. (<https://tekno.kompas.com>) For teenagers who like communication technology tools as well as sports, they can combine their two hobbies in one useful activity, namely e-sport. This illustrates that the use of communication technology tools is not always negative when used by a teenager.

## **5. Mental Intelligence**

Mental health is one of the discussions in psychiatric education. The characteristics of a person who is mentally healthy from a psychological standpoint is being able to be an individual who respects himself and others, has a reasonable emotional response, avoids psychological disorders, is able to think realistically and objectively and is creative, innovative and open. (Syamsu Yusuf L.N., 2018) With mental health, a person is able to get psychological well-being and have emotional intelligence.

Emotional intelligence can be obtained from a sense of belonging education, an understanding of goodness and being accustomed to good spirit and morals. A teenager is able to have emotional intelligence if he is raised and educated from a young age in an environment that is full of love and attention.

Currently the negative impact of technological progress is fatherless, motherless and phubbing. The indifference to each other will have a negative

impact on the psyche. Togetherness activities need to be carried out with each teenager saving his smart phone first and then having positive communication with his friends. In addition, they can also carry out self-healing activities together such as praying in congregation (QS. Al-Baqarah/2: 153), recreation, praying or *muhasabah* together. In addition, educational institutions can provide facilities for consultations and even Home Visit activities for adolescents. Home Visit activities can also be carried out virtually, namely by using communication technology tools to make it more convenient.

## 6. Social Intelligence

Teenagers who are a phase of human life need to have social intelligence. As social beings, adolescents need to start socializing from the early adolescent phase so that they have various experiences in association. In one study it was found that multiple intelligences learning strategies had an influence on students' learning process skills, especially in social studies subjects. (Hardiyanti Riberu, et al, 2019)

Social intelligence is related to social education, starting from helping parents, helping friends, also doing social services for underprivileged communities or when a disaster occurs, both in their area and in other regions and even other countries. However, there are things that need to be considered in social intelligence, that activities help each other in terms of goodness, not the other way around. This is also conveyed by the Qur'an in QS. Al-Maidah/5: 2;

وَتَعَاوَنُوا عَلَى الْبِرِّ وَالتَّقْوَىٰ وَلَا تَعَاوَنُوا عَلَى الْإِثْمِ وَالْعُدْوَانِ وَاتَّقُوا اللَّهَ إِنَّ اللَّهَ شَدِيدُ الْعِقَابِ

*Help you in (doing) virtue and piety, and do not help each other in sin and enmity. Fear Allah, indeed Allah is very severe in punishment.*

Social Service activities carried out by teenagers need to be supported by parents and educational institutions, society and the state. For example, providing grants, taking an active role in activities and appreciating their activities. Currently these activities can also be carried out using advances in communication technology tools. Currently there are various applications that are fundraising platforms that can make it easier for teenagers to raise aid funds. In addition, the ease of sending aid funds via transfer with mobile banking also makes it easier to deliver assistance to those who need it.

## 7. Sexual Intelligence

Teenagers are expected to have sexual intelligence. This can be obtained by giving youth an understanding of healthy and correct sex education. They need to understand that sex is a sexual activity that demands great responsibility, so it can only be done within a legal marriage bond. With this understanding, it is hoped that teenagers will protect each other from approaching adultery and even having sex outside of marriage. Therefore, adolescents need to receive knowledge about sexuality from good and correct sources, such as parents and teachers. Insights obtained through the internet can also help adolescents' sexual intelligence, but are still under the supervision of adults, for fear that they will receive knowledge that is not appropriate for their age.

One way to maintain the balance of sexual intelligence is to maintain the view, as directed by the Qur'an in Surah Al-Mukminun/23: 5-7;

وَالَّذِينَ هُمْ لِأَعْتَابِهِمْ حَقِظُونَ إِلَّا عَلَىٰ أَزْوَاجِهِمْ أَوْ مَا مَلَكَتْ أَيْمَانُهُمْ فَإِنَّهُمْ غَيْرُ مَلُومِينَ  
فَمَنْ ابْتَغَىٰ وَرَاءَ ذَلِكَ فَأُولَٰئِكَ هُمُ الْعَادُونَ<sup>٥</sup>

*And those who guard their private parts, except for their wives or the slaves they have. Verily they are not reprehensible (because of intercourse with him). So, who seeks (passion) other than that, they are the people who transgress.*

Besides that, maintaining the balance of adolescent sexual intelligence can be done by protecting adolescent associations. Teenagers can get protection with boarding schools or Islamic boarding schools. In one study it was found that schools based on multiple intelligences (plural intelligences) and the Boarding School system (boarding schools) which required value education, both religious values and national noble values, were a very effective solution in developing character education. (Ahmad Zain Sarnoto and Moh Yusuf, 2018) The form of boarding schools provides more security for teenagers in juvenile delinquency behavior such as promiscuity, especially with regulations not allowing the use of smart phones in dormitories and Islamic boarding schools can minimize juvenile delinquency such as pornography.

Teenagers can also develop their sexual intelligence with joint activities, such as the Youth Posyandu. In Youth Posyandu activities, they can understand physical health such as reproductive health so that their sexual intelligence is getting better. The results of the activity are expected that teenagers will take better care of and prevent free sex behavior.

## Conclusion and Closing



This paper concludes that adolescents experience a period of growth and development. Both have phases related to the readiness of adolescents in responding to everything they receive.

There are various factors that cause juvenile delinquency, so the role of parents and educational institutions is needed to overcome this. Teenagers need attention and affection from parents, educators, society and the government in developing their intelligence. Intelligence in adolescents will be able to become multiple intelligences, when parents and educators are able to provide seven responsibilities with seven types of education, namely religious education, moral education, physical education, intellectual education, psychological education, social education, sexual education. The seven educations will give birth to multiple intelligences in adolescents.

The multiple intelligences achieved by adolescents need to be developed with a variety of activities that support each intelligence. In this case adolescents need support, assistance, guidance and supervision from parents, educational institutions, the community and the government. In addition, advances in the development of communication technology tools make it easy for teenagers to carry out a variety of activities to develop multiple intelligences. However, their activities still need to be guided and directed to be wise in using communication technology tools.

The various activities to develop multiple intelligences in adolescents are expected to be able to prepare adolescents to become the next generation who are pious and bring world peace and prosperity.

## **Bibliography**

Al-Qur'an Al-Karim

Afrita, Fitri dan Fadhillah Yusri, *Faktor-faktor Yang Mempengaruhi Kenakalan Remaja*, : Jurnal Pendidikan, Educativo, Vol. 2 No. 1, 2023

Ansharullah, *Nama-nama Tuhan Dalam Perspektif Kecerdasan Jamak (Names Of God In The Perspective Of Multiple Intelligence)*, Proceedings The 2nd International Multidisciplinary Conference 2016 November 15th , 2016, Universitas Muhammadiyah Jakarta, Indonesia.

Diananda, Amita, *Psikologi Remaja Dan Permasalahannya*, Jurnal ISTIGHNA, Vol. 1, No 1, Januari 2018.

Fatoni, Zaenal, *et al, Remaja dan Perilaku Resiko di Era Digital; Penguatan Peran Keluarga*, Jakarta: Yayasan Pustaka Obor Indonesia, 2020

Fatoni, Zainal dan Augustina Situmorang, *Determinan Perilaku Berisiko Remaja Terkait Seksualitas Di Era Globalisasi: Kasus Kota Medan*, JKI, Jurnal Kependudukan Indonesia, Vol 14, No. 2, 2019.

Fattah Hanurrawan, *Psikologi Sosial Terapan*, Depok: Rajawali Press, 2018

Feldman, Robert. S, *Pengantar Psikologi*, Jakarta: Penerbit Salemba Humanika, 2012.

Fitria, Tika, *Potret Kenakalan Remaja dan Relevansinya dengan Pendidikan di Indonesia*, Journal of Islamic Education Policy, Vol 2, No. 2, 2017, hal. 93-103.

Hadis Rasulullah SAW

Hambali, Rifki Yasa, *et al*, *Peranan Budaya Olahraga dalam Menekan Tingkat Kenakalan Remaja di SMP Tunas Utama Karawang*, Jurnal MOROONES, Vol. 3 No. 01, 2023.

Hamka, *Tafsir Al-Azhar*, Depok: Gema Insani, 2020

Hardiyanti Riberu, *et al*, *Pengaruh Strategi Multiple Intelegences Terhadap Hasil Belajar IPS Murid Sekolah Dasar Kelas IV SDI Anagowa*, Jurnal Pendidikan, Universitas Muhammadiyah Makassar, Indonesia.

<https://www.bps.go.id/>

<https://tekno.kompas.com>

Hude, M. Darwis, *Emosi; Penjelajahan Religio-Psikologis tentang Emosi Manusia di dalam Al-Qur'an*, Jakarta: Penerbit Erlangga, 2006

-----, *Logika Al-Qur'an; Pemaknaan Ayat dalam Berbagai Tema*, Jakarta: Penerbit Eurabia, 2017

Jahja, Yudrik, *Psikologi Perkembangan*, Jakarta: Prenadamedia Group, 2015

Kartono, Kartini, *Patologi Sosial*, Jakarta: PT. Grafindo Persada, 2015

Mahendra, Angga Intueri, *Pemanfaatan Gadget Sebagai Media Informasi Guna Meningkatkan Wawasan di Era Teknologi Informasi Bagi Masyarakat Desa Gentan, Sukoharjo*, OPEN JOURNAL SYSTEM "PROSIDING SEMINAR HASIL PENGABDIAN MASYARAKAT Universitas AMIKOM, Yogyakarta, 2019.

- Martha, Aroma Elmia, *Kriminologi; Sebuah Pengantar*, Yogyakarta: Bulu Litera, 2020
- Novitasari, Kiki dan Scolastika Mariani, *Kajian Teori: Pengembangan Model Brain Based Learning berbantuan E-Module berbasis Multiple Intelligences untuk Meningkatkan Kemampuan Berpikir Kritis Peserta Didik SMP,A*, Prosiding Seminar Nasional Matematika <https://journal.unnes.ac.id/sju/index.php/prisma/>, 2023
- Nurbaiti, *Digiseksual; Fenomena Perilaku Seksual di Era 4.0, Penanggulangan dengan Pendekatan Psikologis Berbasis Al-Qur'an*, Jakarta: UMJ Press, 2021
- Paisol, *Patologi Sosial*, Jakarta: Bumi Aksara, 2016
- Panuju, Panut dan Ida Umami, *Psikologi Remaja*, Yogyakarta: Tiara Wacana, 2005
- Qutub, Sayyid, *Fii Dzilaal Al-Qur'aan*, Beirut: Daar Asy-Syuruuq, 2003
- Riberu, Hardiyanti, *et al*, Pengaruh Strategi Multiple Intelelences Terhadap Hasil Belajar IPS Murid Sekolah Dasar Kelas IV SDI Anagowa, [Journal of Education, Psychology and Counseling](#), Vol 2 No 1, 2020.
- Santoso, Karim, *Manajemen Pembelajaran Berbasis Multiple Intellegences; Teori ke Praktek*, Jakarta: Robbani Press, 2018
- Sarnoto, Ahmad Zain dan Moh Yusuf, *Pengaruh Kecerdasan Jamak Dan Sekolah Berasrama Terhadap Karakter Siswa*, Jurnal PROFESI Volume 7 No. 1 Juli 2018.
- Shunhaji, Akhmad, *Implementasi Pendidikan Agama di Sekolah Katolik Kota Blitar ddn Dampaknya Terhadap Interaksi Sosial*, Yogyakarta: Aynat Publishing, 2017
- Ujam Jaenudin dan Roslenny Marliani, *Psikologi Lingkungan*, Bandung: Pustaka Setia, 2016
- Ulwan, Muhammad Nasih, *Tarbiyatul Awlaad*, Kairo: Daar As-Salaam, 2007.
- Umar, Nasaruddin, *Argumen Kesetaraan Jender Perspektif Al-Qur'an*, Jakarta: Paramadina, 2001.
- Unicef, *Profil Remaja 2021*.

Yusuf, Syamsu L.N., *Kesehatan Mental Perspektif Psikologis dan Agama*,  
Bandung: PT Remaja Rosdakarya, 2018