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## **The Role of Alpha Generation in The Development of Islamic Education Digitalization Era in Kolong Village Bojonegoro**

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### ***Abstract***

*The Industrial Period 5.0 is predicted to have the potential to benefit from the rapid expansion of the use of digital technology. However, some challenges must be faced with the emergence of changes in demographic and social aspects and demands for the application of environmentally friendly technologies. While Generation Alpha is a child born from the millennial generation. The term was put forward by Mark McCrindle through Business Insider Magazine. Generation Alpha (2011 – 2025) is most familiar with digital technology and is claimed to be the smartest generation of the previous generation. Generation Alpha is the most familiar with the internet of all time. The digital era has brought many changes in various aspects of human life, including in Islamic education. This paper aims to describe the role of the alpha generation in Islamic education in the digital era. The type of method in this research is qualitative and descriptive research with question and answer methods and discussions with children totaling 10 people in Kolong Village and conducted on June 19, 2023, aged 5-11 years. The results of this study indicate that children aged 5 to 11 years of the alpha generation obtained religious activities carried out during the development of digital technology as follows uploading videos of religious broadcasts and memorizing videos on short video platforms such as TikTok and Instagram, participating in online-based religious competitions such as Musabaqah Tilawatil Qur`an (MTQ) and Musabaqah Hifzhul Qur`an (MHQ) competitions which are held via zoom or upload works via google drive, help explain their peers if there are questions in social media groups related to material that has been taught by the chaplain when there are friends who do not understand, participate in online tausiyah held by an Islamic boarding school and actively ask questions in a question and answer session related to the latest problems of the Islamic religion, and access material related to Islamic religious learning through trusted sources*

**Keywords:** *The Role; Alpha Generation; Development; Islamic Education; Digitalization Era*

## Introduction

The Era of Digitalization is characterized by the widespread use of digital technology to distribute activities and information. In the verifiable improvement of human development, change is a need. Presently, the period of modern upset 4.0 is no more odd to hot conversations among scholastics and public approach producers about innovation. The explanation is, that this period requests network in every way (Web of Things), and it is likewise accepted to have the option to fundamentally carry changes to the improvement of science and innovation and personal satisfaction. In the time of society 5.0, individuals are confronted with human-focused social circumstances, and mechanical advancement by taking care of social issues through a framework that is associated with the virtual world and this present reality. The ideas of the modern insurgency 4.0 and society 5.0 don't have a lot of contrast. Specifically, modern insurgency 4.0 proposes man-made consciousness (computerized reasoning) while society 5.0 spotlights the human part. The General Public 5.0 idea is a refinement of past ideas. As we probably are aware, Society 1.0 is when people were still in the period of hunting and perceiving composing, Society 2.0 is a rural time when people knew about cultivating, and Society 3.0 entered the modern time, specifically when people began utilizing machines to assist with everyday exercises - days, Society 4.0: people are know all about PCs to the web and Society 5.0 a period where all innovation is essential for people themselves, the web isn't simply used to share data yet to carry on with life. In the public eye 5.0 where the primary part is people who can make new worth through mechanical turns of events, it can limit the hole in people and monetary issues from now on. It appears to be hard to do in a non-industrial nation like Indonesia, however, that doesn't mean it isn't possible because presently Japan has demonstrated it as a country with the most cutting-edge innovation.

Alpha Generation is the offspring of Age Twenty to thirty-year-olds and the more youthful sibling of Age Z. The gathering that has a place with this age are those brought into the world from 2011 to 2025. The term Age Alpha arose in 2005, but this was not set in stone from the consequences of a study led by Imprint McCrindle, a social and segment examiner. Since past ages had utilized the last letters of the Roman letter set, at last the naming was concluded by following the example of the Greek letter set beginning with 'alpha'. An age isn't just framed given individuals brought into the world in a similar period. Every age that grew up and experienced childhood in an alternate year likewise has its personality. This character is impacted by governmental issues, culture, or occasions that happened in that period. Education in the eyes of Islam can be interpreted as a process transformation of moral values and knowledge that can increase all potential human nature both physically and emotionally in a balanced way that allows them to become responsible persons as vicegerents of Allah. Children's education in the framework of the Muslim community means preparing the next generation in the future to be truly ready to take on the big task of religion comprehensively including various dimensions not only related to worship.

Previous research was conducted by Mutiara Swandhina and Redi Awal Maulana from Sebelas April Teacher Training College Solo with the title Generation Alpha: The Time For Early Children To Be Digital Literate Reflections on the Learning Process During the Covid-19 Pandemic. The journal concludes that Generation Alpha wants instant things and does not appreciate the process. Their preoccupation with gadgets makes them socially alienated. Although the prediction of the alpha

generation is observed as above, they are among the generations most familiar with digital technology and the generation that is claimed to be the smartest compared to previous generations. Therefore, parents need to prepare several things to face these challenges. then what needs to be done or prepared. One of them is by understanding well about digital literacy. While the research I did was to find out the role of the alpha generation to produce teaching methods for the alpha generation that can become the next generation of the nation in Islamic education at a young age.

In the context of early Islamic civilization, the use of technology was not new and had been a major driver of progress in shaping a great civilizations of the time. This supports the idea that in Islamic understanding, the use of multimedia technology is not considered haram, but rather permissible if it provides great benefits for human progress. great benefits for human progress. Islam has always emphasized the importance of goodness and compatibility with the changes and developments of the times and encourages its people to master knowledge in various fields, including science and technology knowledge in various fields, including science that is closely related to multimedia technology. The use of digital technology also provides opportunities for the development of learning methods that are more interactive, creative, and interesting in Islamic education. Video, animation, simulations, and other multimedia content can make learning more engaging and help students understand religious concepts better. From this introduction, the problem formulation can be taken as follows:

1. How is the development of Islamic Religious Education in the Era of Digitalization?
2. What is the Role of the Alpha Generation in Kolong Village?

### **Method**

In research that uses a qualitative approach, the researcher is the research instrument, and success in data collection is largely determined by the researcher's ability to appreciate the social situation that is the focus of the research. Research does not collect data with a set of instruments to measure variables, but researchers search for and study the subjects in their research and develop a format (called a protocol) to record data while the research is underway.(Moeloeng, 2018) To obtained data related to the research title, the researcher used data collection methods through observation, interviews and documentation. The researcher, with permission from the Head of Kolong Village, participated as a guest for one day to observe the role of Generation Alpha in the digitalization era. The sources obtained are related to the development of the alpha generation of children in the industrial era 5.0 and the Development of Islamic Education in the Digitalization Era. Besides, the type of method in this research is qualitative research using question and answer and discussion. This activity was carried out on June 19, 2023, in Kolong Village, Ngasem District, Bojonegoro Regency. The researcher asked what role Generation Alpha plays in Kolong Village. In terms of observation, researchers observe every Islamic education activity carried out by Kolong Village Children at the al-Ihsan Mosque. In addition, it also documents these activities as reinforcement material in research. Data analysis in this study uses content analysis techniques, namely data processing in a separate way related to the discussion of several activities which are then described, discussed, and criticized by the values of the role of the alpha generation in Islamic education.(T. Hidayat, 2019)

### **Results and Discussion**

### ***The Development of Islamic Religious Education in the Era of Digitalization***

Islam is education through Islamic teachings, namely guidance and care for students so that afterward they can understand, appreciate, and practice the teachings of the Islamic religion that they believe in thoroughly, and make the teachings of Islam as a view of life for the sake of safety. live in this world and the hereafter. According to H.M. Arifin, Islamic education means an education system that can provide a person's ability to live a life according to the ideals and values of Islam that have inspired and patterned his personality.(Fauziah et al., 2022) In other words, humans with Islamic education must be able to live in peace and prosperity as expected by Islamic ideals. Thus, the notion of Islamic education is an educational system that covers all aspects of life needed by the servants of Allah, as Islam has become a guide for all aspects of human life, both worldly and hereafter. The computerized time is a period where individuals' exercises and data are dispersed utilizing computerized innovation. In the verifiable improvement of human development, change is a need. Presently, the period of the modern upset 4.0 is no odder to hot conversations among scholastics and public approach producers about innovation. The explanation is, that this period requests a network in every way (Web of Things), it is likewise accepted to have the option to fundamentally carry changes to the improvement of science and innovation and the personal satisfaction. In the time of society 5.0, individuals are confronted with human-focused social circumstances, and mechanical advancement by taking care of social issues through a framework that is associated through the virtual world and this present reality. The ideas of the modern insurgency 4.0 and society 5.0 don't have a lot of contrast. Specifically, modern insurgency 4.0 proposes man-made consciousness (computerized reasoning) while society 5.0 spotlights the human part. (S. Hidayat & Nur, 2018) The General Public 5.0 idea is a refinement of past ideas. As we probably are aware, Society 1.0 is when people were still in the period of hunting and perceiving composing, Society 2.0 is a rural time when people knew about cultivating, and Society 3.0 entered the modern time, specifically when people began utilizing machines to assist with everyday exercises - days, Society 4.0: people are know all about PCs to the web and Society 5.0 a period where all innovation is essential for people themselves, the web isn't simply used to share data yet to carry on with life. In the public eye 5.0 where the primary part is people who can make new worth through mechanical turns of events, it can limit the hole in people and monetary issues from now on. It appears to be hard to do in a non-industrial nation like Indonesia, however, that doesn't mean it isn't possible because presently Japan has demonstrated it as a country with the most cutting-edge innovation.(Konakom et al., 2011)

Entering the industrial era 5.0, the world of education is asked to equip people with noble values. One of them is Islamic values. Following the flow of Industry 5.0 cannot be a barrier to being noble. With the various technologies, a person has many choices to spread positive things and take advantage of the technology to teach others to live the values contained in the Al-Quran. The existence of challenges in the form of a problem as much as possible accompanied by solutions to overcome existing problems. The world of education is currently starting to be busy preparing a generation that can survive in the competition in the industrial era 5.0. In facing the era of the industrial revolution, several things must be prepared including educational resources available easily, quickly, and cheaply in the form of e-sources such as paperless journals or electronic books (ebooks). In addition, the digital world for children and youth feels very exciting, for a few hours they don't feel bored playing with gadgets or smartphones although only limited to opening features that are not too important. From here, educators must take the opportunity to take advantage of the youth's

fondness for digital devices and the advantages of the digital world in providing information and knowledge in real-time.(Guo, 2013)

### ***The Role of the Alpha Generation in Kolong Village***

Professor Sri Moertiningsih in his article Demographic Transition, demographic bonus and the Widow of Opportunity mentions that the successful impact of population and health development is a change in population structure which is influenced by the following: A decrease in births reduces the proportion of children less than 15 years, Reducing infant mortality increases the number of infants surviving to adulthood; Explosion of working age population; Age dependency ratio – the proportion of the young population to the working age population is decreasing. Changes in the population structure and a decrease in the burden of dependence provide an opportunity called the demographic bonus or demographic dividend. This demographic bonus is often associated with the widow of opportunity or window of opportunity which can be interpreted as the emergence of an opportunity that can improve people's welfare. According to Moertiningsih the widow of opportunity occurs in 2020 – 2030 when the dependency ratio (level of dependence of non-productive age on productive age) reaches its lowest point. That is 44 per 100 inhabitants. The dependency ratio will increase again in 2030 due to the increasing proportion of the elderly population. This incident according to Moertiningsih only happens once in the history of a population.(Gee et al., 2018)

The alpha generation is children born to the millennial generation. This term was put forward by Mark McCrindle through an article in Business Insider magazine. The alpha generation (2011 – 2025) is the generation most familiar with digital technology and the generation that is claimed to be the smartest compared to the previous generation. As many as 2.5 million children of the alpha generation are born in the world every week. Gen A is the generation most familiar with the internet of all time. McCrindler also predicts that the Alpha generation cannot be separated from gadgets, lacks socialization, lacks creativity, and is individualistic. The alpha generation wants things that are instant and don't value process. Their preoccupation with gadgets makes them socially alienated.(Suhendi et al., 2021) Child development (alpha generation) in the 4.0 era. This certainly changes the perspective and lifestyle of the people who were originally conventional be unconventional. Moreover, the growth of technology, like it or not, society is required to evolve. Based on all aspects of life, the role of the family is the most important in the process of child development. If what is being discussed is the alpha generation, then the role of the family is made up of generations Y and Z who tend to be decision makers, while the veteran generation and X act as counselors and companions, resulting in collaboration between generations resulting in new brainstorming for the alpha generation. The alpha generation itself will have a skill that is shown (become more specialized). Merzenich's observations over the past few years have shown increasing specialization. As well as predicting technology trends will continue in the alpha generation and will push towards automation by having abilities based on areas of specialization to fulfill tasks at work. Automation will exist in the areas of transportation, manufacturing, and other high-risk activities. Simply put, technology can make you smarter including (1) improving visual skills (2) improving eye coordination and ability to perform tasks (3) increasing scores on assignments (intelligence test). Psychologist Jean Twenge in Understanding Alpha Generation) describes the rise of smartphones and social media and the rise of depression and loneliness in youth. In addition, finding results in surveys and reports found that Igen was less active, drank less and rarely left the house but spent a lot of time

online. Twenge correlated the happiness level of young people with more time spent on the internet, social media, and text messages as well as reported being unhappy. Indirectly alpha generation shows that new technology will set the standard for that generation; have a variety of choices, differences, and clear; video dominates social media and the alpha generation will have multiple online identities. (McCrinkle & Wolfinger, 2014)

The Children Kolong Village themselves are Alpha Generation. Alpha Generation itself is children aged 10-25 years. If calculated in 2023, this generation is currently a maximum of 11 years old. The number of alpha generations in Kolong village is almost 200 children. The contribution of the alpha generation in the village is only limited to social media connoisseurs and learning everything about daily life and religious knowledge through social media. From the results of questions and answers and discussions with the children in Kolong Village, they obtained data that religious activities carried out in the development of digital technology were as follows:

1. Uploading videos of religious broadcasts and memorizing videos on short video platforms such as TikTok and Instagram

TikTok and Instagram applications have now become applications that are loved by young people, including elementary school-age children who have been spoiled by their parents for social media. Of course, it would be more useful if parents of alpha generation children educate their children by uploading their memorization skills and also providing religious knowledge symbols to inspire their peers. Only a few village children optimize the application to be useful in this case because the alpha generation only uses it for funny content. By uploading the rote video, of course, these children have played a role in spreading Islam to their friends. (Singh et al., 2024)

2. Participate in online-based religious competitions such as *Musabaqah Tilawatil Qur'an* (MTQ) and *Musabaqah Hifzhul Qur'an* (MHQ) competitions which are held via Zoom or upload works via Google Drive

Participating in competitions is also a very positive thing to measure the extent to which the child's ability to compete with his peers. With social media, it certainly makes it easier to get information about religious competitions, especially if there are events to commemorate Islamic holidays. In addition, the collection of works can also be done online so that there is a rather long collection time. The competition itself is not only aimed at measuring ability, but also getting coaching money if you win, increasing relationships, and also increasing self-confidence and knowledge. Quite several village children have participated in the *Musabaqah Tilawatil Qur'an* (MTQ) competition directly because the Madrasah Diniyah in Kolong Village is also actively organizing the competition on an annual basis. For online-based competitions outside, there are still not many because they don't dare to compete with children outside. By participating in religious competitions, of course these children can act as potential successors to the nation's religious leaders in the future. (Qin et al., 2016)



*Figure 1. The MTQ Competition was organized by the mosque Takmir of Kolong Village and attended by Kolong Elementary School*

3. Help explain to their peers if there are questions in social media groups related to material that has been taught by the chaplain when there are friends who do not understand. Sometimes the teacher conveys information or material related to religion through social media groups and someone asks about the material sent by the teacher. When the teacher is busy or not online, his friend can provide information by helping explain if he already understands what is being conveyed. By helping explain to their peers, of course, children can play a role in fostering an attitude of helping each other if one of their friends is in trouble and dares to express their own opinion. Only a few village children dared to express their opinions in social media groups such as WhatsApp because of the shyness of the teacher so they preferred to chat privately with their friends(Hajri, 2023)



*Figure 1. The long betel nut activity was organized by the Student Association of Nahdlatul Ulama Kolong Village and participated by Kolong Village Children.*

4. Participate in online *tausyiyah* held by an Islamic boarding school and actively ask questions in a question-and-answer session related to the latest problems of the Islamic religion.

With the existence of social media, of course, many religious leaders conduct online studies to discuss current issues specifically for elementary school-age children, especially in their villages. Even though it's not live, it's usually recorded and shared on social media groups or YouTube. Of course, children who in fact have a high curiosity will ask questions in the comments column with parental supervision of course. This will foster a critical attitude, curiosity, and updates regarding what is happening in the present. By participating in the online study, children can play a role in providing knowledge to their peers and conveying this knowledge to their parents and closest family. Only a few village children optimize the application to be useful in this case because parents have economic limitations to buy handphones that support this activity and spend a lot of internet quota which is considered expensive. (Rothman, 2014)

5. Access material related to Islamic religious learning through trusted sources.

The latter is the role of children as accessors of learning materials. With so many visitors, of course, the platform will get bigger royalties from the digital advertisements installed on the platform. There are quite a lot of alpha generation village children who access materials online because it is easier and more fun when learning while holding a handphone. For children, of course, it will also make it easier to access the desired subject matter. (Perry, 2022)

Although the contribution of the alpha generation children who in 2023 were only a maximum of 12 years old is still relatively small, with a small contribution

### **The Role of the Alpha Generation in Dealing with The Alpha Generation**

Families play an important role in building children's education. Mum and Dad become the main role model for every child in the family. The family is the main environment in providing the main environment in providing: a sense of physical and psychological security, affection, a model of good behavior for children to live in society, and provide guidance in learning, and behavior. Good behavior models for children to live in society and provide guidance in learning, to optimize the development of children's inspiration and achievement. Meanwhile, according to Law No 2 1989 Chapter IV Article 10 Paragraph 4, family education is part of the out-of-school education pathway organized in the family. Outside of school it is organized in the family and that provides religious beliefs, cultural values, moral values and skills, culture, so is the role of parents in providing direction on digital literacy skills about digital literacy skills is very important in this success. Parents are the main role models for children. various words and behaviors done by parents will be imitated and followed various words in literacy activities. There is a positive relationship between the parent's literacy level and their level of appreciation of the literacy environment. The higher the literacy level, the higher their commitment to creating a literate environment for their children. Children need positive parental guidance. (Annisa et al., 2023)

Children need positive parental guidance in building a range of digital literacy skills and abilities. In some previous research, some parents anticipate some of the negative impacts that can occur, especially in digital utilization by young children. especially in digital utilization by early childhood through various forms of supervision. Show some of the efforts that parents can make to supervise children's use of gadgets, such as can be done by parents to supervise the use of gadgets in



children, such as asking what activities the child is doing with his/her gadget activities that children do with their gadgets, being near children, and sitting together when children are using the gadget. Furthermore, revealed several efforts that can be done by parents in supervising gadget use that can be done by parents in supervising the use of gadgets in children, such as accompanying and guiding the use of gadgets and guiding in the use of gadgets, limiting the use of gadgets, controlling the content or data in children's gadgets, giving children the right to use gadgets, giving light punishment to children with an approach, not scolding children when they use gadgets. Scold children when they make mistakes, understand children's abilities by taking the time to assess how much time children spend on gadgets time to assess how many hours the child has to sort out new things, create a learning environment according to the child's wishes, be patient and active in the learning process, learning environment according to children's wishes, being patient and active in educating children, and spending a lot of time with children. for the child.(Astuti et al., 2023)

There are several steps that parents can take in assisting their children or doing digital parenting well do digital parenting:

1. Maintain communication with children so that a good relationship can be achieved between parents and children.
2. Equip parents and continue to learn so that they can accompany children to access the internet,
3. Use the Parental internet to help parents supervise their children's activities on the internet, and set the time to use the internet. Children's activities on the internet, regulate the time of using the device every day, conduct a process of filtering negative content, viewing the applications used, and parents must also know how to activate the security features on the device. know how to activate security features in several applications, such as the safe search feature in Google, the limited mode feature in the safe search feature on Google, the limited mode feature on YouTube, and so on
4. Make basic rules related to the internet at home by involving children, including agreeing on the basic rules of the internet at home by involving children, including agreeing on the sanctions
5. Be a friend and follow your children on social media to build their digital reputation, because digital footprints cannot be hidden and are very influential on the future.
6. Explore, share, and celebrate together for parent-child communication.
7. Be a good digital role model
8. Produce positive and productive content together
9. Participate in productive activities related to digital media
10. Be a good digital role model in activities related to digital media, and collaborate to create digital content, collaborating is the pinnacle of digital literacy skills.
11. Therefore, as parents, we need to take a role in introducing digital literacy to our children. early on to children. We cannot deny that the role of parents is very important in the development of children's understanding, attitudes, and digital utilization, as well as in increasing the achievement of children's skills and abilities in digital literacy.

## Conclusion

From the sub-discussion presented above, the following conclusions can be drawn. The children of Kolong Village themselves are Alpha Generation. If calculated in 2023, this generation is currently 6 to 12 years old. The number of alpha generations in Kolong Village is almost 200 children. The contribution of the alpha generation in the village is only limited to social media connoisseurs and learning everything about daily life and religious knowledge through social media. From the results of questions and answers and discussions with the Kolong Village children, they obtained that religious activities carried out in the development of digital technology were as follows: uploading videos of religious broadcasts and memorizing videos on short video platforms such as Tiktok and Instagram, participate in online-based religious competitions such as *Musabaqah Tilawatil Qur`an* (MTQ) and *Musabaqah Hifzhul Qur`an* (MHQ) competitions which are held via zoom or upload works via google drive, help explain their peers if there are questions in social media groups related to material that has been taught by the chaplain when there are friends who do not understand, participate in online *tausiyah* held by an Islamic boarding school and actively ask questions in a question and answer session related to the latest problems of the Islamic religion, and access material related to Islamic religious learning through trusted sources.

The presence of the digital era is an opportunity for the alpha generation to be able to contribute to the development of education in the future. By designing and implementing the smallest things that can be done in Islamic education, it is hoped that it will be able to survive amid world civilization and be able to show its existence by offering creative solutions to various problems in the global arena that occur in the present and the future. That hope is pinned and becomes a foothold for the alpha generation from now. Suggestions that can be put forward in this Scientific Writing are as follows: it is hoped that the Kolong Village Government will collaborate with Elementary Schools in Kolong Village to educate their students in optimizing the use of social media, it is hoped that the religious youth organization of the Kolong Village recruits alpha generation children to be able to contribute through their organization, it is hoped that parents of the alpha generation will provide more education to children for optimizing technology in the fields of education and religion, it is hoped that alpha generation children will optimize technology more effectively, such as participating in religious competitions and participating in online religious studies so that they are useful for the community, and it is hoped that future authors will understand more about the development of the contribution of the alpha generation.

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