



ORIGINAL RESEARCH ARTICLE

OPEN ACCESS

THE USE OF SCIENCE CURRICULUM BASED ON AL-QUR'AN IN IMPROVING THE QUALITY OF STUDENT PERSONALITY

¹Abdul Madjid Latief and ²Ifa Faizah Rohmah

¹Lecturer of Muhammadiyah Prof. DR. HAMKA University

²Lecturer STIA Al-Muhajirin Purwakarta

ARTICLE INFO

Article History:

Received 28th June, 2017

Received in revised form

19th July, 2017

Accepted 24th August, 2017

Published online 30th September, 2017

Keywords:

Science Curriculum, Quran,
Student personality, Education,
Religious education.

*Corresponding author

Copyright ©2017, Abdul Madjid Latief and Ifa Faizah Rohmah. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

Citation: Abdul Madjid Latief and Ifa Faizah Rohmah, 2017. "The use of science curriculum based on al-qur'an in improving the quality of student personality", *International Journal of Development Research*, 7, (09), 15585-15588.

INTRODUCTION

As a systematically planned education program, the curriculum assumes a very important role for education as well as for students in schools, the role of conservative role, critical or evaluative role and creative role for it need to be carried out in a balanced way. The curriculum is defined as any activity undertaken by madrasah (schools based on Islamic religion) in order to influence learners in learning to achieve a goal, including learning activities, organizing strategies in learning, how to evaluate learning development programs and so on "(Nurdin and Basyirudin, 2002). In Law Number 20 Year 2003 regarding National Education System, it is stated that the Government and Local Government have the right to direct, guide and supervise the implementation of education in accordance with the prevailing laws and regulations. The existence of the flexibility of schools in the implementation of education provides many changes to the curriculum used, the modification and the development of variations of education in accordance with the circumstances, potential, and needs of the region, and the condition of students, to realize it then in the

implementation of education conducted various ways one by enforcing a science curriculum based on Quran. This is done to provide students with an understanding of the education of Science that integrates Al-Quran, in addition to show a real connection between science education on the Qur'an. Quran is the source of science, al-quran is a guideline of Muslims, in the Qur'an, the content of the content of the Qur'an cannot be separated from education, are the discussion in it there is a verse related to the scientific approach which is a learning process. Quran-based science curriculum as a form of effort implemented in preventing various negative associations to students, in addition to the existence of curriculum based on Quran provides a high understanding of the students about learning science and Quran because it must have the teachings of the Qur'an on the students in school so that will grow the religious spirit in students who have knowledge san sains islamic, as well as a means of planting behavior and attitudes in students who are based on religion. The existence of science curriculum based on Quran aims to produce a Muslim man who live and practice his religious teachings, so that should make all subjects as a vehicle to improve the success of

religious education, that is, by subjects of science, social sciences, mathematics, carried out in unison with the spirit of Islamic education. In other words, all general subjects must be related to how Islam or the Qur'an and Sunnah speak about it, whose operational is integrated through subject or sub-topic that has links with Islamic values or sources of the Qur'an and Sunnah which is relevant.

Methods Used in the Study

The method used in this research is qualitative descriptive research. Qualitative research is used to determine the use of science curriculum based on Quran in improving the quality of student personality in school. The purpose of qualitative descriptive research is to make a systematic, factual and accurate description of the facts that are being and or have been studied (Suryabrata, 1997). This research uses descriptive qualitative research methods that describe the object of research verbally through the data that has been collected by observing the phenomena that occur, as well as conducting interviews to obtain information related to the problems studied. The study uses case study, case studies are an in-depth review of an order, a single subject, a single document, or one particular Event (Bogdan and Biklen, 1983). The case studies used in this study are case studies of Prospective Case Studies. This type of case study is needed to find the tendency and direction of the development of a case (Endraswara, 2012). The population in qualitative research is a social situation consisting of three elements, namely: place, actors, activities that integrate strategically (Sugiyono, 2010). Referring to Sugiyono's view, the population of this research is in High School Al-Muhajirin Purwakarta West Java. The sample in qualitative research is not called respondent, but as resource person, or participant, friend and teacher in research (Sugiyono, 2010). Cumulative samples are often referred to as theoretical samples because they aim to produce theories. Qualitative research generally takes informants (research subjects) is smaller and its picking tends to choose purposive rather than random (Nasution, 2003). Data analysis used is data reduction, display or data presentation and verification. This is as mentioned by Miles and Huberman, (1984) data analysis taking three main steps, namely data reduction, display or data presentation, and verification and or data deduction.

Results of the Study

The use of curriculum in improving the quality of student personality

Quality student personality becomes the main goal in the learning process in school the existence of a good personality will be able to provide various changes towards the positive in students. For that reason, schools have implemented learning process used curriculum based on Quran, it is related to science and science that integrated with Quran. The curriculum developed at Al-Muhajirin High School is a Science Curriculum Based on Qur'an. The use of science curriculum based on Quran is implemented after comprehensive development and evaluation of the curriculum, evaluating every impact that occurs in the implementation of the use of science curriculum based Quran. The curriculum was developed with the development team consisting of the managers of kyai pesantren (religious scholars in Islamic

educational institutions), the head of the developer team, the secretariat of the developer team, the members of the development team consisting of principals, vice principals, teachers, and consultants of the college of Religious Affairs Islam al-Muhajirin itself and from the State Islamic Religious College of Islamic State University, Bandung and Input from the University of Education Indonesia, Bandung. The Qur'an-based science curriculum used various strategies, approaches, and learning methods. Learning strategies that can be developed to teach that can be used in learning activities that include: learning acceptance, discovery learning, mastery learning and integrated learning (learning unit) and active learning strategy. The use of science curriculum based on Quran is implemented after the planning process. The curriculum of science based on Quran begins with the making of plans by making the learning process plan (LPP), inserting the lesson materials, preparing the media and tools in the learning process, and preparing instrument assessment for learning activities, midterm exam, final exam of semester, class increase test.

The Qur'an-based process of Science learning

The concept of curriculum integrity of science-based Quran is a curriculum that emphasizes the sciences such as science, social sciences, linguistics, science of technology has a relationship with the Quran contained in the Quran either shorih, isyari and ibrah who was born because of dichotomic views between the sciences of religion and science. The process of used science curriculum based on Quran in the form of subjects Integration of al-Qur'an and science, the concepts of science have a connection with the verses of the Qur'an both shorih, isyari and ibroh, which form the spiritual competence of learners in the form of aqidah, worship and morals are reinforced by science studies based on verses of the Qur'an both shorih, isyari and ibroh deductively or inductively, and emphasis that the goal of science is to sanctify and glorify Allah. The main foundation of curriculum development of science based on Quran is the philosophy of Islamic education based on Qur'an and al-Hadith. The Islamic education curriculum is essentially an activity that includes detailed educational activities of learners in the form of educational materials, suggestions on teaching and learning strategies and matters covering activities aimed at achieving the desired goals with reference to the values of teaching Islam. The school develops subjects that integrate the Qur'an and Science that are divided into the theme of the discussion, and made the Learning Application Plan from identity, competency standards, basic competencies, learning outcome indicators, discussion themes, learning strategies, media learning and assessment, resulting in the relation, association, and unity of all subjects with the values of monotheism. Types of assessment used were oral, written, deed, self-assessment and project appraisal, while the assessment instrument used non test. The approach of learning curriculum of science-based science integration based on al-Qur'an also mengaju kepada pendektan learning science include: ask, observe, explore, associate and communicate. A learning approach that can be used: an individual approach; group approach; varied approach; educative approach; Approach to experience; The Habitual Approach; Emotional Approach, Rational Approach; Functional approach, Religious approach, Togetherness approach, contextaul teaching and learning approach and so on.

Obstacles in the process of used science curriculum based on Quran

In practice, the integration of science is not supported and faced with many obstacles, including the lack of knowledge and human resources to understand the concept of integration, not to strengthen the values of integration even further strengthen the dualism of religion and science that increasingly shows its strength in education. The existence of dichotomic thoughts of teachers about the distinction between Islamic sciences and non-Islamic sciences, greatly hampered the learning process using science curriculum based on Quran, besides that there are still teachers who have not integrated the Quran and science in learning in school, become one of the obstacles that schools have in using the science curriculum based on Quran in the learning process. Another obstacle is the textbook of integration of science and the Quran for biology, not yet existed for the science of physics and chemistry, social sciences and other subjects have not been maximally empowered, as well as the low level of resource development activities people, especially teachers outside the institution and the development of talents, interests and abilities of students at the district, city and national levels.

Discussion of Study Results

Quran-based of science curriculum is a curriculum that emphasizes the sciences such as science, social sciences, linguistics, science of technology has a relationship with the Qur'an contained in the Qur'an either shorih, isyari and ibrah whose birth is due to a dichotomic view between the sciences of religion and science. The Quran is the word of Allah delivered by the angel Jibril with the direct editing of Allah to Prophet Muhammad and accepted by Muslims from generation to generation without any change (Anshori, 2014). So with the use of science curriculum based Quran can foster good understanding of students about religious values. In the learning process using the science curriculum based on quran requires an authentic assessment model that is used as a guide in conducting evaluation and assessment of both learning process, assessment of learning outcomes through daily examination, assignment, midterm exam, semester exam, class increase test, and graduation exam of the learner. School requires high quality of human resources, especially for teachers in schools, a teacher as an educational staff in the school as a professional worker is required to be able to design, implement and evaluate the results of his own business as well as possible (Mudlofir, 2011). Teachers also contribute in formulating each component and element of the curriculum itself so that they have a sense of belonging to the curriculum and are motivated to develop their skills and knowledge in curriculum development (Arif, 2009). The availability of good curriculum by the teacher can improve and improve the quality of the learning process in school. Mastery of curriculum for teachers is an absolute thing and its obligations (Hidayat, 2013). The use of science curriculum based on Quran has various benefits to students in schools, in addition to providing a good understanding of science science also provides an understanding of religious education, the existence of the Qur'an-based science curriculum integrate Islamic values in the learning process so as to produce graduates who have the ability and intact and integral personality, able to exercise their rights and obligations relating to the relationship between Allah and creatures through their daily based on Islamic religious values.

The used of Quran-based science curriculum is one of the integrated curriculum used as an effort to improve the quality of students' self in school, so that it will be more meaningful. It is said to be meaningful because in integrated teaching, students will understand the concepts they learn through direct observation and connect it with other concepts that they understand (Trianto, 2010). The existence of integration of science (science) on Quran shows that Quran is not only related to religious science but also related to science, the existence of science integration to Quran has contribution to learners to practice science with the values of religious belief (tauhid) and akhlakul karimah (ethics and morals that are compatible with Islam).

Conclusion

One of the potential Islamic values to be internalized in the subjects of science is morals, as well as religious knowledge, because morals are related to behavior, so practiced in real life, as well as religious knowledge, the integration of science on Quran provides understanding and religious knowledge to students, so that students can explain and know the Quran not only contains only about religion but the knowledge of science, in the hope of forming students who have knowledge of science that is based on Islamic religion. The existence of the use of science curriculum based quran students are expected to have an understanding of Qur'an, Sunnah and natural science and its activity patterns, and basic competencies students are able to understand well the verses of the Qur'an and the themed natural science. Students are able to explain the themes in the field of natural science. Students can simulate in accordance with natural science approach, able to guarantee the growth of faith and devotion towards Allah (God), improvement of life skill mastery, ability to work and be scientific. To succeed in learning process in school hence require human resources especially qualified teacher, school preparing educators who are able to implement curriculum of science integration based on Quran, so that will accelerate learning process at school. To improve the quality of science curriculum based on Quran in schools, it requires good supervision and assessment on the quality of education in schools, besides the existence of teacher development programs to improve the ability in the management of learning process with emphasis on improving professionalism and understanding of teachers on the integration of science knowledge with the Quran, so that the application of science curriculum based on Quran run can be run as well as possible and produce a quality product.

REFERENCES

- Anshori, Lal, M.A. 2014. *Ulumul Qur'an*. Jakarta: PT. Rajagrafindo
- Arif, S. 2009. *Curriculum Development*. Pamekasan: STAIN Pamekasan Press.
- Bogdan, Robert C. & Biklen S. Knopp, 1982. *Qualitative Research for Education An Introduction to theory and Methods*. Boston: Allyn and Bacon. Inc.
- Endraswara, S. 2012. *Cultural Research Methodology*. Yogyakarta: Gajah Mada University Pers.
- Hidayat, S. 2013. *Development of New Curriculum*. Bandung: PT Remaja Rosdakarya.
- Laws of the republic Indonesia. Number 20 of 2003 on National Education System.

- Miles, M. B. and Huberman, A. M. 1984. *Qualitative Data Analysis: A Sourcebook of New Methods*. California: SAGE publications Inc.
- Mudlofir, A. 2011. *Application of Curriculum Development Unit Level of Education and Teaching In Islamic Religious Education*. Jakarta: PT. RajaGrafindo Persada.
- Nasution, S. 2003. *Metodologi Reserach*, Bandung: Jeamarrs.
- Nurdin. S and Basyirudin Usman, 2002. *Professional Teachers and Curriculum Implementation*. Jakarta: Ciputat Pers
- Sugiyono, 2010. *Educational Research Methodology Quantitative Approach, Qualitative, and R & D* Bandung: Alfabeta
- Suryabrata, S. 1997. *Research methodology*, Jakarta: PT. RajaGrafindo Persada.
- Trianto, 2010. *Integrated Learning Model*, Jakarta: PT Bumi Aksara
