Planting Self-Confident Characters Assisted by Technology and Science Through Reading Activities

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Abstract. The purpose of this research is describing the implementation of reading activity in SD 2 Garung Kidul, the cultivation of self-confidence character through reading activity, the obstacles factors in the cultivation of self-confidence through reading activity, giving the solution in order to solve the problem in the cultivating of self-confidence character through reading activity. The technic of data collecting is using interview, observation, and document research. For data validity is using the data credibility tested which is involving extension and triangulations. For the analysis is using interactive analysis in order to explain the data which is obtained by interview, observation, and document research. The result of the research showed that: 1. The implementation of routine reading in every single day for fifteen minutes before started the learning activity. 2. The cultivation of self-confidence through reading activity in fifteen minutes can be seen in the student’s understanding about the story of the book is being successfully. 3. The obstacles which faced in this research are being on time, variety of books, reading fluency. 4. The solution of facing the obstacles are giving the reading book which is having similarity in student’s handout, utilizing the library, and choosing the right book.

1. Introduction
Character is human attitude value which is related to God, itself, fellowman, and environment. \cite{13} stated that character is specific feature which is related to the identity that consist of the quintessence of spiritual quality, the way of thought, the way to behave in person’s life and having a good teamwork in family environment, society, nation and country. The purpose of implementing of character education is bringing students to be a person who has a good character. The purposes of character education are: (1) cultivating the spirit of leadership and responsible person, (2) developing the student’s character in order to make them are being an independent, creative, and having a national vision, (3) developing the school environment as a safely place, honest and full of creativity \cite{12}. Another opinion about the purposes of education character are (1) being strengthen and developing the value of life which is important and needed in order to make student’s personality as a typical of how the value is being developed, (2) giving correction to student’s attitude which is not related to the value that being developed by school, (3) building up the harmony connection together with family and society in being responsible to character education \cite{12,13}.

The one of important materials in education character is self-confidence character, because it is a main booster factor for someone or students to get success. Self-confidence is important because someone who has skill, ability, talent, and knowledge will not be showed about what they have right
now if it is not supported by self-confidence character. Reading skill is one of important aspects in developing the student’s success for another material subject. Reading skill is one of vital aspects for educated society [11].

2. Review to Related Literature

2.1 Reading

2.1.1 Definition of Reading
Reading is translate the symbol into the combined voice with words, being arranged so we can learn how to understand it and we can make catalogue. In another definition reading is the activity of perceiving, analyzing, and interpreting which is being done by reader in order to get message which will be conveying by writer through the media of the writing [9][10][5]. Process of reading consist of some aspects, those are: sensory aspect is an ability to understand the written symbols, perceptual aspect is the ability to interpret about what can be seen as a symbol, scheme aspect is the ability to connect written information with knowledge structural which have been available in this time, thought aspect is the ability to make inferential and evaluate the material which have been studied, affective aspect is related to reader’s interested and giving effect to reading activity.

2.1.2 The Beginning of Reading
Reading and writing learning in elementary school can be differentiated to two big groups, they are reading and writing in low level (1,2,3 grades) and high level (4,5,6 grades). The reading and learning in low level is generally consisting of two that are the beginning in reading and writing [5]. The main point in reading and writing activity are recognizing the alphabet, read a word, read the short sentence, continued with writing which is contain of activity in string the letter then being word and string the words become the short sentences. While in high level students are introduced to writing activity which is heading to pour the ideas being simple sentences or short paragraph.

Steps in the beginning of reading learning in elementary school especially in 1,2,3 grades are being directed to help students to read words by words, making simple sentence with right intonation [8][9][10]. For helping students to speak the simple sentence but still pay attention to pronunciation and intonation, as example, can be implemented in some several ways that are:
1) Invite students to understand the context of simple sentence that will be spoken.
2) Giving trials to build the main sentence with right intonation orally.
3) Paying attention to simple sentence which given by teacher orally.
4) Looking up the simple sentence but still give attention to intonation and pronunciation orally, but doing it in repetition.
5) Students are orally tried to build their own simple sentence still in attention to get the intonation and pronunciation correctly.

Those steps are not something broke which can’t be change, but it can be change with another steps, as far as the way or the step cab help students to pronounce and pay attention to the intonation to those simple sentences correctly.

2.1.2.1 How to Read
Based on how to read, it can be divided as [5][10]:
1) Reading aloud, is reading activity which is getting done by speak up, it is usually used by high level students.
2) Read by heart, is reading activity which is no need to release the voice or words. By reading by the heart students will be more concentrate so they will understand the content of the book faster.
3) Reading of technic has the same meaning with reading aloud that is consists of studying of reading and studying to read. Reading technic is so formal, concerned in reader’s truth, also right intonation and respite

2.1.2.2 The purpose and The advantage of Reading
Generally the purpose of reading is the ability to read and to understand short sentence smoothly or being aloud in for some simple sentences and read poetry, understand the idea, the ability to catch the meaning in full textbook, whether is a free text, narration, prose or conclude poetry in papers or unwritten text. While some advantages that can be taken from reading are[5][10]:
1) Getting a lot of life experience.
2) Getting a general knowledge and some certain information which can be useful for life.
3) Be able to know the development of science and current technology in the world.
4) Be able to enrich the religion aspect in order to expand the way to seen and the way to thought, increasing the side of life and family’s culture, society, and the nation itself.
5) Be able to solve the problem’ life, making someone to be cleverer.
6) Be able to enrich a lot of different words, expression, and another impact in supported to have ability in listening, reading, and writing.

2.1.2.3 Reading ability
Reading ability is the ability to know the letter, and then arrange it to be a word, to be a sentence and understand it. It is being an important part in human life, because no one things including knowledge can be separated by reading activity. Reading is a key to go to the shed of the knowledge. People who have reading ability and read a lot books they will be have more knowledge than other.
[9][10] Stated that reading ability is vital aspect in educated society. But, the children who can’t understand how important reading are, they will not have a motivation to study, learn to read is continuing effort and they are seeing how high the value in reading. Right now, reading ability is charge of society reality. With a lot of information which is provided by printing media or electronic, reader has raises someone’s curiosity towards the problem, getting a lot of information about cultural in this entire world. Hopefully students are realizing about how important reading, especially for their self and their future.

2.1.2.4. Reading to the Child
Problem about the perfect time in order to teach a child about reading has become an argument about it. There is pro-contra argument about to teach reading for children since early age level. Actually a child who being taught in their early age will be affected their reading ability in the future. Dolores Durkin is the first researcher who investigates and conducted this research about the problem around 1958-1964. And here is the concluding of his research [8][9]
1) Children who have reading ability since their early age are literally surpassing the children’s lateness of reading ability, until junior high school.
2) Early age ability is not related to children’s IQ, but it is being related to their family and house atmosphere. Children are able to read since their early ages actually appear from the family who has interested and more efforts in order to help them to learn of reading.
3) Reading ability on early age is not relatable with social and economic condition.

2.2 Character
Dharma Kesuma, and friends (2011:11) stated that character is a value which has been formed in attitude ways, so character is attached with value of its attitude. While Suyanto [24] stated that character is the way to think and to behave which is being an special identity for individual to live their live, teamwork, whether in family environment, society, and the nation.
Furthermore, Muchlas Samani, and friends (2011:43) revealed that character is interpreted as a basic value in order to build personal identity, being good formed because of heredity effect or behavior in
daily life. Same with its explanation, Masnur Muslich (2011:84) stated that character is a human behavioral value which is related to God, self, fellow human, environment, and nationality which is existed in thought, attitude, feeling, and action based on norm of religion, law, behavioral, and traditions.

Generally according to Doni Koesoema A. (2010:79) expressed that character can be defined as psycho social element which is linked to education and environmental context. If it is seem from the point of behavioral view which is emphasizing to personal element that still owned by people since its birth. Character is considered as personality, because personality is considered as identity, or someone’s character which is sourced by environment. For those opinions, so the writer concluded that character is values which getting existed by attitude and behavioral and it’s having relation with environment based on the norms of society.

So it can be conclude that character is a value of someone’s overview which can be seen directly or through research process in order to see the behavioral and action which being habitual in daily life.

2.3 Self-Confidence

[19], self-confidence is someone’s faith to conquer the scared in facing many situations. Its explanation is being strengthen by [19] which stated that self-confidence is someone’s belief which internally getting from the self-monologue.

[23],[15] which stated that self-confidence is someone’s faith towards excess by their-self and its make someone to reach the goal in its life. The important of self-confidence for children as explained by Anita [15] A confident children who able to finish the task which is appropriate with development steps correctly or having the ability to improve their own achievement, they will be trusted by another, and they will grow in experience and ability so they will be a healthy and independent person.

[1] stated that self-confidence aspects are:

2.3.1 Attitude

It is kind of self-confidence to act and to finish the tasks, like in simple task such as paying the bill on time and situation to reach something good.

2.3.2 Emotion

It is type of self-confidence to believe and capability in controlling the emotion. In understanding what it is feeling, using emotion to choose right decision, and protecting its self from offense or knowing how to make a friend correctly.

2.3.3 Spiritual Religion

It is believe to faith and all over the world, believe that this life is having a positive purpose, and its having the meaning of existence and certain goal in life. Spiritual belief started from the awareness about what we are, taking off from the body and our personal, taking off from the mask that might cover up us. It is started from the effort to appreciate our self, as unique creation and marvelous. Without spiritual belief, it is impossible for us to develop our self-confidence of attitude and emotional self-confidence.

3. Method of The Research

This is using qualitative research [16] stated that qualitative is research method which the data is coming from what people said and being observed, or written words. The researcher should go to the field, observation, using their-self as an instrument, interview by following the assumptions or field data. [22] explained that qualitative research is research method which is investigates the condition of native object, where the researcher as the key of instrument and the result is focusing the meaning than generalization. [16] stated that the purpose of descriptive research is explaining the coherence of the characteristic whether it is the object or subject, the fact is getting researched correctly. The main purpose of qualitative research is to understand the social phenomenon or being focused to complete description about social phenomenon or being studied than detailing related to the variables. The expectation is gotten by deep understanding about the social phenomenon and furthermore it can be a
theory. Data Sources: 1) Informant: Informant is headmaster, the class teacher in SD 2 Garung Kidul and also as the researcher and The fourth grades student of SD 2 Garung Kidul as students being researched. 2) Place and Event: The place which is used as data collecting is SD 2 Garung Kidul in fourth grades exactly. 3) Document: Document that will be used as data collecting in this research is file and picture in order to get the relatable data. Technic and Instrument of Collecting the Data: Observation [4], observation is “a method to collect the data that will be used to collect the data research through observation and sense”. In this research its used quotation and observing the object which is getting researched, Interview: [14] interview is “the conversation to get main specific, this interview is getting done by two people in order to get certain meaning, this conversation is getting done by interviewer and give some questions and the informant will answer it correctly. The researcher doesn’t use the guidance of interview which is being arranged systematically in order to get a lot of important information from headmaster, teacher class, and students which are relate to the cultivation of self-confidence character trough reading activity for fifteen minutes before starting the class. Documentation: [2], documentation is written things, in doing the documentation method the researcher investigate its written things such as book, magazine, document, rules, meeting records, journal book. Research document which used in this research is daily journal. Data Analyzing 

4. The Result of The Research And Discussion

The main focus of this research is the cultivation of self-confidence character trough reading activity for fifteen minutes before starting the learning activity in SD 2 Garung Kidul. The cultivation of self-confidence character can be seen in reading habitual activity through student’s spirit and enthusiasm for doing reading activity. The cultivation of self-confident character through reading activity before learning process in SD 2 Garung Kidul can be seen from the indicator of self-confidence which is involve the responsibility for doing reading activity, never give up in searching the meaning of a text, never getting awkward in expressing about content of the book, brave to ask or answer the question. The indicator which is containing about self-confidence, it can be references in cultivating the self-confidence character through reading activity for fifteen minutes before starting the learning activity [3].

The research conducted shows that there is a positive influence between self-confidence and reading activities assisted by technology and science. The positive correlation that occurs is caused by a very close relationship within it. The self-confidence that students have after reading activities (Figure 1) assisted by technology and science is very influential in developing students' self-confidence [17][18][20][21].
The fifteen minute reading activity assisted by technology and science is able to enable students to increase self-confidence [7]. The self-confidence that is formed is a manifestation of the various stages of reading activities that he has gone through. The fifteen minute reading experience with the assistance of technology and science can make students more confident in carrying out the process of learning activities in class [6], as shown in Figure 2.

5. Conclusion
Implementing the activity which is full with responsibility. The way to cultivate the self-confidence character, the activity indicator which is full with responsibility especially for students when doing the reading activity for fifteen minutes before starting the learning activity, giving the reflection to all of students in order to tell that reading activity is important to get information which it can be linked with learning process. So the students have to be responsible and being hardworking in implemented the activity. Never give up. The effort to cultivate of self-confidence character is the indicator where students should not give up in the way to do the reading activity in SD 2 Garung Kidul through teacher class motivation where at the same time as a researcher to all of students in order trying to understand the meaning in a text. Don’t be awkward when giving the opinion. The effort to cultivate the self-confidence character in reading activity especially in SD 2 Garung Kidul through student’s motivation is for always getting bravery to express their opinion after getting reading activity for fifteen minutes before learning activity.
To state the opinion, asking or answering the questions. The effort to cultivate the student’s self-confidence in stating the opinion, asking and answering indicator in reading activity for fifteen minutes before starting the learning activity through the teacher class manner about the content or meaning which is taking from the text book which have been read by students.

References

[1] Amirullah Syarbini, Buku Pintar Pendidikan Karakter, Panduan Lengkap Mendidik Karakter Anak di Sekolah, Madrasah, Rumah, (Jakarta: Asr-Prima apaustaka, 2012)

[2] Arikunto, Suharsimi. 2010. Prosedur Penelitian Suatu Pendekatan Praktik. Jakarta. Rineka Cipta.

[3] Bafadal. 2009. Pengelolaan Perpustakaan Sekolah. Jakarta: Bumi Aksara

[4] Bugin, Burhan. 2011. Penelitian Kualitatif Komunikasi, Ekonomi, Kebijakan Pulik, dan Ilmu Sosial Lainnya. Jakarta: Kencana.

[5] Dalman. 2013. Keterampilan Membaca. Jakarta: PT Raja Grafindo Persada.

[6] Effendi, E., Mursilah, M., & Mujiono, M. (2018). Korelasi Tingkat Perhatian Orang Tua dan Kemandirian Belajar dengan Prestasi Belajar Siswa. Titian Ilmu: Jurnal Ilmiah Multi Sciences,10(1), 17–23.

[7] Hambly, K. (1992). Psikologi Populer: Bagaimana Meningkatkan Rasa Percaya Diri (terjemah olehFX Budiyanto). Jakarta: Arcan.

[8] Farida Rahim, Pengajaran Membaca di Sekolah Dasar (Jakarta:PT Bumi Aksara,2008), cet.2 h.46

[9] Farida Rahim, Pengajaran Membaca di Sekolah Dasar. (Jakarta: PT Bumi aksara, 2008), cet.2 h.76

[10] Isah Cahyani, Pembelajaran Bahasa Indonesia (Jakarta: Direktorat Jenderal Pendidikan Departemen Agama Republik Indonesia, 2009), cet.1 hal. 77

[11] Jauharotil Alfin, et all. Pembelajaran Bahasa Indonesia M1 ( Surabaya: AprintA, 2009) Edisi Pertama h.14-1

[12] Gunawan, Heri.2012. Pendidikan Karakter. Konsep Dan Implementasi. Bandung: Alfabeta

[13] Mahmud. 2010. Psikologi Pendidikan. Bandung. Pustaka Setia.

[14] Moleong, Lexy. 2004. Metodologi Penelitian Kualitatif. Bandung: PT Remaja Rosdakarya

[15] Yusrizal, Y., Suliyanah, S., & Basri, T. H. (2017). Analysis of Knowledge, Understanding and Skills of Physics Teachers of State Senior High Schools in Developing and Analyzing Test Items. Jurnal Pendidikan IPA Indonesia, 6(2), 335–340

[16] Komariah, Aan. 2012. Metodologi Penelitian Kualitatif. Bandung: Alfabeta

[17] Kusumah, R. G. T., & Munandar, A. (2017). Analysis Of The Relationship Between Self Efficacy And Healthy Living Conciousness Toward Science Learning Outcome. EDUSAINS, 9(2), 132–138.

[18] Liu, W., Zhang, H., Chen, X., & Yu, S. (2018). Managing consensus and self-confidence in multiplicative preference relations in group decision making. Knowledge-Based Systems, 162,62–73.

[19] Rosidi. 2011. Upaya Meningkatkan Minat Membaca Materi Keagamaan Siswa Kelas V Di Perpustakaan Sdn 02 Pidodokulon Kecamatan Patebon Kabupaten Kendal Melalui Pola Pendampingan. Semarang: Institut Agama Islam Negeri Walisongo

[20] Nath, S. R. (2012). The role of pre-school education on learning achievement at primary level in Bangladesh. International Journal of Early Years Education, 20(1), 4–14.

[21] Novena, V. V., & Kriswandani, K. (2018). Pengaruh Model Pembelajaran Probing Prompting Terhadap Hasil Belajar Ditinjau Dari Self-Efficacy. Scholaria: Jurnal Pendidikan Dan Kebudayaan, 8(2), 189–196.

[22] Sunarti. 2010.Upaya Meningkatkan Minat Baca Siswa Sekolah Dasar Kelas III. Surabaya:Universitas Terbuka dpk di UPBJJ-UT
[23] Wijekoon, C. N., Amaratunge, H., De Silva, Y., Senanayake, S., Jayawardane, P., & Senarath, U. (2017). Emotional intelligence and academic performance of medical undergraduates: A crosssectional study in a selected university in Sri Lanka. BMC Medical Education, 17(1), 1–11.

[24] Zahara. 2003. Pengantar perpustakaan sekolah. Digitizet: USU digital library

[24] Zubaedi, Desain Pendidikan Karakter: Konsepsi dan Aplikasinya dalam Lembaga Pendidikan, (Jakarta: Kencana, 2011)