

EDUCATION AS THE FORM OF NATIONAL CHARACTER

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Abstract. Character is a permanent behavior that appears to a person. When some people exhibit the same permanent behavior it is called the character of the community, and if the permanent character appears in most of a nation then it is called the character of the nation. Characters are formed through a long process, ranging from memory formation which will then control the behavior of each individual. Therefore the characters will not be handled instantly. Behavior is an educational goal, so character can be built through education. Behavior is controlled by memory, so that education can achieve its goal when its educators understand how memory is formed. The purpose of education is formulated based on the development of the level of competence (level of competence) that has been formulated in the theory of Kognitive Benyamin S. Bloom. So that the characters can be built properly and correctly every educator must master the theory of cognitive

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I. INTRODUCTION

The characters become the main current spotlight in Indonesia, almost in all components of the system characterized by concern. Against this reality the most blamed is the educational world, because education is what should control the character of the nation everywhere. So obviously character improvements must be made through the education sector.

Prior to the step of character improvement through education, it is submitted first the meaning of character according to this script. Character is a permanent behavior that appears to a person. When some people exhibit the same permanent behavior it is called the character of the community, and if the permanent character appears in most of a nation then it is called the character of the nation. Characters are formed through a long process, ranging from memory formation which will then control the behavior of each individual. Therefore the characters will not be handled instantly.

Actually, the effort to improve the character continues to be done by the Ministry of Education and Culture of Indonesia through improving the quality of educators. Since 1977 there has been upgrading, workshops, provision

of essential facilities, the construction of learning resource centers and their contents, the development of teacher education curricula and the modernization of learning at all levels of the educational unit.

However, something is forgotten so that the effort does not get satisfactory results. Some key elements of education are not included in the training component or workshop, as they are considered to be controlled by every educator who has been on duty in the field. Meanwhile, all parties realize that there is something wrong in education in Indonesia, so that Indonesia lags behind its education by other countries, education in Indonesia is currently ranked 60th of 130 countries in the world. The elements educate very closely with the philosophy and psychology of education, so that anyone with an educator profession must master it. Formation of memory in the brain is one of the basic psychology of education, if this one is not understood by educators then any attempt to fix it will not get the expected results. To refresh the educators' understanding, this text covers a bit about memory formation.



II. METHOD AND DISCUSSION

Memory in the brain comes from contact between the five senses with the environment. Memory formed the work of structures that exist in the central nervous system. This working model will be explained below

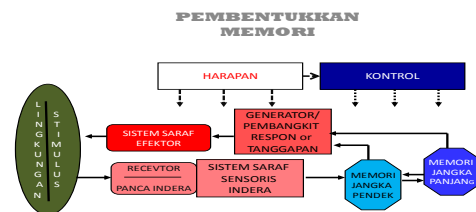


Figure 1 Memory Formation Model

The picture above explains, the concept as information from the environment will be accepted by the five senses, with sensory sensory information sent to the brain. The first concept is stored in short-term memory or memory tersimpan only in a very short time. Short-term memory is sent to the generator or generator response, then by the effector nervous system sent to the body part to answer excitatory.

Short-term memory can be converted into long-term memory or memory that can be stored permanently in the brain for control work. This memory can be reused at any time to respond to excitement. New long-term memory requires a short-term memory process or path to use. Long-term memory can be used quickly or not via short-term memory paths when trained or frequently called / in use. Long-term memory that has not been used for a long time will be difficult to call for use, this event is called forgetful event or can be called memory forgot. Memory forgets can be recalled through its conceptual features.

Controls can work if there is hope that consists of motivation, attention, interest and effort. So if there is no hope control does not work, if control does not work there is no

concept stored in memory. The control in question in memory formation is the number of senses involved, so the quality of control depends on how many senses are involved, as many of the senses are involved the better the concept is stored in memory. Another control is the frequency, which means the more the information the better the concept is stored in memory.

All information stored as long-term memory will come out in response in the form of behavior. So it can be said that all memory controls one's behavior. So that character is controlled by memory. So to build a character must start by building up his memory.

By parsing how memory formation, the more visible red thread between character with education and between characters with the progress of the nation.



Figure 2 Material Acquisition

Recognized by the nations of the world, that education is the key to advance the country. 80 years ago, when the 2nd world war ended, the first question of the Japanese emperor was how many teachers remained, then the remaining teacher used to build the ruins of war, 25 years later Japan became a big country. During the cold war, the United States was left behind by the Soviet Union, marked by the success of the soviet Union to fly Sputnik into space. To counter the Soviet Union America gathers its education expert to formulate a new curriculum in a more advanced direction, the result is that America can land Apolo on the Moon. Once

again that education is the key to the progress of a country.

Forty years ago, Indonesia was one of the countries chosen by Malaysia to be a place of education for the nation and succeeded. Ten years later turning around, Indonesia made a visit and attended educational seminars in Pulau Penang Malaysia. Currently the result of the International assessment, Education in Indonesia lags far behind by Malaysia. Vietnamese education suffered a long stagnation when they suffered a battle of sodara. Many Vietnamese who were forced to evacuate to avoid the danger of war Sodara, including to Indonesia. Vietnamese refugees in Indonesia are working odd jobs, among them being servants in schools. 25 years ago Vietnam sodara war ended, his country called all his people in evacuation to run all aspects of post-war life. Refugees from Indonesia some became teachers, principals and education managers. Currently the results of Vietnam's international assessment of Vietnam is better than Indonesia.

From the description of the question arises, what's with education in Indonesia ?. To get the answer to that question we must reveal the retreat. Has the educational profession occupied by the holder? more dive again, has the basic education controlled by educational implementers? for that let's look at the basic education. Basic education that there are 3 main components, namely Curriculum, Learning Theory, and Teaching and Learning Process. The curriculum as the foundation of the modern education movement. The curriculum must be mastered by every owner of the educational profession. Curriculum formulated on the basis of the wishes of the framers, the reversal of a country can dikendalikan by curriculum educational institutions. The main curriculum content is the expected goal In the formulation of objectives can be developed concepts that must be mastered learners, so that the curriculum developers will formulate Strategy learning to achieve goals. To see whether or not the national educational

objectives need to be thorough evaluation or assessment of the program in the implementation of the curriculum.

An educator must master the theory of learning, how to fill the memory in the brain. Filling memory in the brain means having to know how to work ortak. each expressed by Benjamin S. Bloom, ie Level of competence cognitive. Every level of age ahapan learners have their own way to collect the contents of the memory so that an educator must master the science of the development of the behavior of learners (Educational Psychology) each level of educational unit. That is why in the curriculum of Education Personnel Institution (LPTK) there is a course of Educational Psychology. In addition to the objectives of the curriculum achieved educators should be able to formulate the process of teaching and learning. Thinking about the process will result in every educator planning new learning methods and approaches at any time.

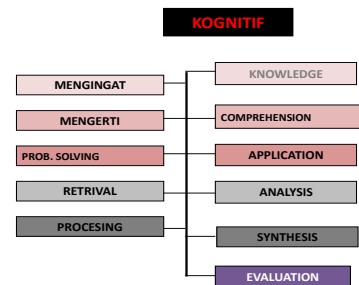


Figure 3 Cognitive Level

If an educator always thinks, speaks and acts like that then there will be a specific permanent behavior of an educator. Such behavior needs to be owned by an educator before carrying out his duties, therefore it becomes the main duty of LPTK and professional education organization including PGRI to formulate it.

A country that does not care about its educational curriculum means getting ready to

be abandoned by other countries in this modern century. Therefore, Indonesia should continue to think of curriculum that can support the progress in the future. Every holder of the educational profession must participate in understanding, thinking and developing the curriculum. It is difficult to compete with other countries that are more advanced than Indonesia, as Coordinator Coordinator of Region IV West Java Banten said in the speech of National Awareness Ceremony April 17, 2013 "If we start to move forward we do not mean we will be better than the country that has left us , because they will also continue to do things to keep going forward "so at least we are not too far behind by them. More importantly it should be our homework to avoid being left behind by a newly independent small country like East Timor.

In order to what is mentioned above is achieved it is appropriate we clean up to nurture professionals to become professional. Efforts have been made by the Indonesian government through the Ministry of Education which is now broken down into kemenristekdikti and kemendikbud. Since 2004, educational staff have been boosted by their professionalism. It is not as easy as reversing the hands of this effort is still very heavy for Indonesia. It's been too long for every educational force to develop his behavior to be permanent in the wrong direction, so it can be said to be a character.

Three professional elements of educators, the first experts in the field of education which means must master the curriculum, master the concepts that must be taught, mastering the methodology of learning. The two should continue to work on improving their education skills by working with those who can improve their education skills. Third must run the code of ethics of educators. If these three elements are owned by an educator Insha Allah will no longer sound chaotic in the education domain of Indonesia.

The problem is still warm about the National Exam. If the curriculum is an essential component of modern education, it must be consistent with everything mandated by the curriculum. Achieving the objectives of the curriculum becomes the benchmark of educational success of an educational institution, even the benchmarks of a country's progress. To find out whether or not the objectives that have been formulated in the curriculum should be held nationally or nationally. So if there is a problem that arises in relation to the national exam, do not negate the national exam, but the problem must be solved.

LPTK and teacher profession organization including PGRI is a point of hope to answer all education problems in Indonesia, even all the crisis that is facing this nation, especially the problems related to the nation's morality, only through education can be completed. The steps to correct it are clearly detailed in the science of education. LPTK and teacher profession organizations must close the line and immediately save the country. Many things have to be reviewed by LPTKs and teacher organizations in the implementation of education in Indonesia, which later became the cause of the problem. To do so requires the full trust of the government that the LPTK and teacher profession organization is the way out of all the problems in the country. So it is only natural if the budget for the implementation of education is improved. For LPTKs and teacher profession organizations to work carefully and academically, there should be no emotional and lustful elements, since LPTK and teacher profession organizations will eventually dissolve into the problems they are solving.

III. CONCLUSION

On this occasion I appeal to all this attendees, especially for educators, our task



ahead is getting harder because for now almost no concept has been obtained from the study of science used to face everyday life. Learners get knowledge only limited to the door of the class, life outside the class does not use the knowledge obtained from within the classroom. Very different from the reality found in neighboring countries, one example I found; a child in Malaysia, I was riding a cable car on a hillside with 5 graduate students from Indonesia, in front of us an estimated 10 year old boy, suddenly the cable car stopped, we were nervous because we were inside the train already around 2 km from the start, the boy saw our anxiety, and he immediately said "sir, lady do not worry, this train is controlled by computer, we know computer will not lie there is usually a little annoyance but computer will keep working, malaysia make this solely to make the whole nation happy in the world ". This is an example of a school education product, which means a curriculum product. Let us help the government program to build character and educate the nation of Indonesia, by continuously evaluating and improving the education curriculum.

[6] Tortora & Anagnostakos. (1984). Principles of Anatomy and Physiology. New York: Harper & Row, Publishers.

REFERENCES

- [1] Bloom, S., Benjamin. (1971). Taxonomy of Educational Objectives. New York: David McKay Company, Inc.
- [2] Campbell, A.N., Mitchell, L.G. & Reece, J.B. (1994). Biology Concepts & Connections. Redwood City, California: The Bunjamine / Cummings Publishing Company, Inc.
- [3] Guyton, A.C. (1982). Human Physiology and Mechanisms of Disease. Mississippi: W.B. Saunders Company.
- [4] Hinduan, A.A. & Gagne, R.M. (1981). Essetials of Learning for Intructional. Jakarta: Ministry of Education and Culture.
- [5] Sanjaya, Wina. (2010). Planning and Planning System. Jakarta: Kencana

