

# **THE DEVELOPMENT OF A TEXTBOOK TO READ CRITICALLY AND CREATIVELY-DRIVEN ARCS TO PREPARE PROFESSIONAL EDUCATORS**

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## **ABSTRACT**

*Professional educator who is primarily a change in ability and attitude towards a more competent private figure, master the material and methodology of learning with good and creative and can raise the motivation of learners in the learning process. Attempts to prepare professional educators is to develop textbook. One example of the development of textbook in courses Read critically and creatively. The development of textbook reading critical and creative needs to be packed with creative, innovative, and fun so that students are motivated and active in following the instruction. Textbook containing elements of motivation can affect the learning achievements of students. One of the models of motivation that can be used in a textbook model is ARCS. Motivation is often regarded as one of the elements is important and must be observed in making the textbook. The purpose of this writing is to develop and to find out the feasibility of the textbook to read critically and Creatively-driven ARCS to prepare professional educators.*

*This textbook development method using Reasrch and Development (R&D). Step-by-step textbook development: conduct analysis products, develop the product early, expert validation and revision, test the readability of the product, and the final product. Test product development is done in 2 stages. Method of collecting data by using question form. The feasibility of the instrument bukuajare of learning media. Reabilitas validation and instrument using the construct validity. Data analysis techniques used are descriptive analysis techniques. The final stages of this development is to test the feasibility and effectiveness.*

*Based on the results of the research that's been done shows that the textbook to read critically and Creatively-driven ARCS can be used as learning materials. This book is one way of preparing professional educators. Textbook Reading critically and Creatively-driven ARCS show that an educator giving motivational learning not only at the time the learning process to take place, but it can be through a reading.*

*Keywords: Textbook, ARCS, Read critically and Creatively, professional*

## **INTRODUCTION**

*Professional educator who is primarily a change in ability and attitude towards a more competent private figure, master the material and methodology of*

*learning with good and creative and can raise the motivation of learners in the learning process. Attempts to prepare professional educators is to develop textbook. Development of the textbook very important done in college. However, not many college develop skills of critical reading intensive. On the subjects of critical and creative reading is not yet available textbook that corresponds with the level of ability and an intense science students. In addition, subjects read critical and creative source of the book very much and there has not been a staple book that discusses in detail about critical and creative reading. This resulted in students the trouble to read and learn so that it requires a textbook.*

*The development of science and technology are evolving very rapidly is also a consideration for the development of a textbook. These developments must be addressed critically and academically by lecturers as well as students at the College. Communication technologies caused the student get the up-to-date information they need through the internet. Such information can be ascertained more quickly to the students rather than the information they have acquired through the textbook or materials in college. However, academically, the information they obtain is not necessarily true. A lot of information on the internet that the source is not clear.*

*Creation of textbook reading critical and creative needs to be packed with creative, innovative, and fun so that students are motivated and active in following the instruction. Textbook containing elements of motivation can affect the learning achievements of students. One of the models of motivation that can be used in a textbook model is ARCS (Attention, Relevance, Confidence, Satisfaction). Motivational model ARCS aims to make/design the instructions to make it more interesting for the students. Motivation is often regarded as one of the elements is important and must be observed in making the textbook. Textbook is designed so that every student in the study seem to present to them.*

*Based on the background of the above problems then the need for the development of a textbook on the subject read critically and creatively. Development of the textbook use research methods and development of the Research and Development (R&D). Research and Development is a process or series of steps in order to develop a new products or refine existing products in*

*order to be accounted for. The goal in writing this is to develop and find out the feasibility of the textbook to read critically and Creatively-driven ARCS to prepare professional educators.*

## **RESEARCH METHODS**

*This textbook development method using Reasrch and Develompent (R&D). Research and development of textbook reading critically and creatively done with steps as follows: conduct analysis products that will be developed, developing initial product, expert validation and revision, test the readability of the product, and products the end. Test product development is done in 2 stages. Method of collecting data by using question form. Instrument feasibility in terms of media textbook learning. Reabilitasinstrumenmenggunakan validation and construct validity (validity of construction). Data analysis techniques used are descriptive analysis techniques. The final stage of this research and development is to test the feasibility and effectiveness.*

## **RESULTS AND DISCUSSION**

### *A. develop a Textbook to read critically and Creatively-driven ARCS*

*The process of developing a textbook to read critically and Creatively through ten stages namely, needs analysis, collection of information, the draft textbook, textbook compilation, validation expert material and media experts, revision I textbook material and expert evaluation, expert media, revision II textbook, textbook, and test feasibility of learners. Analyze phase is to analyze all the problems, the situation and conditions of learning media being used in schools and then finding a solution the use of media. Analysis of the results obtained that the students got the learning difficulties especially for the media. Students feel difficulties because the medium used has not been fullest. On the basis of the analysis obtained by the idea of making the textbook learning to read critically and creatively. This is because the textbook may contain text, images and exercises a deeper problem. Textbook evaluation also contains interesting and can be used to do by the student independently.*

*At this stage of the analysis is also obtained as a guideline and reference material that needed to be included in the textbook learning. The material used in the textbook learning refers to relevant books and used in accordance with the learning curriculum. In making a textbook also experienced difficulties in image search, but can be addressed by looking at the web of the internet. After all materials and images collected and then to consult the supervisor then continues on the next stage, namely designing textbook learning.*

*The next step in the process of development of the textbook "the critical and creative Reading" i.e. the stage of validation. The validation phase is carried out by an expert (expert judgement). Based on the results of the assessment of experts, textbook Reading critically and Creatively belongs on the category worthy. This is because the average assessment of every aspect of the expert team got a score in the category. Therefore, it can be inferred that the textbook to read critically and Creatively viable to then be tested on students to find out the effectiveness of the textbook. Test the effectiveness of performed after textbook learning validated by experts. From this activity then obtained advice to evaluate textbook learning in accordance with the advice given by the experts. Then do the follow-up evaluation to further fine-tune the textbook. After having obtained a decent learning textbook and valid then the test can be done on the effectiveness of college students so they can be used as media of enrichment.*

#### *1. Media expert*

*Based on the results of the assessment of the overall worthy media expert cobakantested on students. This is because on every aspect of the assessment criteria is good media expert. On the aspect of the benefit with every charge indicators will be judged well. On technical aspects as a whole get a good valuation so that the averagevalue for the entire assessment is feasible. Thus the textbook learning to read critically and Creatively can be tested to students.*

#### *2. Expert material*

*The results of the expert assessment of the material shows that the textbook to readcritically and Creatively viable tested cobakan on college students. It is obtained from the assessment of the suitability of the material aspect, the quality of teaching material contents, explain concepts, and towing concern. On the*

*conformity of the material in accordance with the musty RPS, according to the learning objectives, and in accordance with the basic competencies. Aspects of the quality of teaching material contents which can help students to overcome learning difficulties, and can help students in evoking motivation. Next image used interesting, pictures used can arouse the curiosity of students, the language used and the material may be read systematically. Thus the textbook Reading critical and Creative can be applied to improve the quality of teaching and increase student learning achievement.*

### *3. The eligibility Level textbook Reading critical and Creative*

#### *a. aspects of the suitability of the material*

*The results of the data analysis of student assessment on textbook Reading critical and Creative shows that in the aspect of suitability materi belongs in the category of very decent. Student assessment of specific frequencies can be seen in attachment yield score eligibility by students. The results of this very worthy Category due to all indicators in the aspect of material suitability is assessed by the student properly can help students in learning about Critical and creative Reading. Each indicator can be explained that the material is in compliance with the RPS, the basic competencies and learning objectives.*

#### *b. aspects of Learning Media*

*The results of the data analysis of student assessment on textbook Reading critical and Creative shows that in the aspect of learning media belongs in the category of very decent. Student assessment of specific frequencies can be seen in attachment yield score eligibility by students. The result is well worth it because the Category in each of the indicators in the media aspect of learning is assessed by the student well.*

#### *c. assessment of aspects of textbook*

*The results of the data analysis of student assessment on textbook Reading critical and Creative shows that on this aspect belongs in the category of very decent. Student assessment of specific frequencies can be seen in attachment yield score eligibility by students. The results of this very worthy Category due to any aspect of the assessment indicators in the textbook judged by the student with both*

*in terms of the selection of interesting images, the language used, as well as the readability of the material well.*

*Textbook is created with the purpose of learning. In the aspect of the benefit is expected to be a medium that can add insights and help students to learn independently. While the technical aspects are expected to use all those easily in order to get information. This textbook was compiled with shape, size of the letter is clear, attractive image so that the learning textbook can be easily accessed by the student. Textbook Reading critical and Creative are expected to facilitate and overcome difficulties in learning or student looking for a reference because the media learning was created in order to attract the attention of students so as to cultivate motivation of study, the subject matter can be more easily understood and captured by students, teaching methods are becoming more varied and can reduce the tedium of learning and can make students more active in learning activities (Sujana&Rivai, 2010:2). Textbook Reading critical and Creative can help students in difficulty learning process.*

#### *B. Professional Educators through the Textbook*

*Professional educator who is primarily a change in ability and attitude towards a more competent private figure, master the material and methodology of learning with good and creative and can raise the motivation of learners in the learning process. One example of educators that is a lecturer. Government Regulation (PP) No. 37 Year 2009 about the lecturer, said that professors are professional educators and scientists, with the main task of transforming, developing, and disseminating knowledge, technology, and the arts through education, research, and service to the community. Professor of professional ethics obeying the profession. High integrity, honestly, do things correctly, and do just the right thing.*

*Professionalism consists of five concepts, i.e. the affiliate community, needs to be independent, self-regulatory/confidence in the profession, the dedication on professions, and social obligations. Affiliate community demanding a professional using the bonds of the profession as a reference, including the Organization of formal and informal groups of colleagues as the source of the main idea of the work. The need for independent demand a professional must be*

*able to make decisions independently. Confidence in own rules/profession refers to the belief that most authorities assess the professional work is a fellow of the profession who have competence in the field of science and work. The dedication on the profession reflects pengabdiaan in totalby using the knowledge and skills possessed. Social obligation demands a professional realize the importance of the profession and its benefits for the community, in addition to yourself.*

*This professionalism is the element of motivation that contribute to high performance. A connection kontributif implies the necessity of increasing the professionalism of those who cultivate a field of profession, including the profession of a lecturer. Professional lecturers are expected to have a high performance that could satisfy all interested parties (stakeholders), i.e. students, parents, and community in the broad sense. In addition to satisfying the high performance, stakeholders also satisfy yourself. For a professional, spiritual fulfillment is the primary compensation expected from work. Meanwhile, material satisfaction is secondary.*

*As professionals, lecturers claimed has a number of competencies in order to carry out its task properly. Competencies that are discussed here are only concerned with the main task of Lecturer, that organizes education and teaching. So, the question of competence is competence of professors as teachers. Competence in the field of teaching can be seen from the methods, materials or materials teaching, and teaching in the classroom. Before teaching lecturer must prepare the material to be conveyed. For a professional lecturer, matter not only in the form of power point or just take off the internet any time but a lecturer should make itself in book form.*

*Textbook is materials or materials of instruction which are arranged systematically used the teachers and students in the learning process (Pannen and Purwanto, 2001). Textbook has a structure and a systematic order, explaining the purpose of instructional will achieve, motivate students to learn, anticipating difficulty learning to students in the form of the provision of guidance for students to learn about the book many exercises, providing for students, providing a summary of, and generally oriented to students individually (learner oriented). Textbook guides the student in order to be active in learning through the granting*

*of material that accompanied the task independently that can be done in individual or group any material matter, a summary of each chapter and the final test chapter.*

*Creation of textbook needs to be packed with creative, innovative, and fun so that students are motivated and active in following the instruction. Textbook containing elements of motivation can affect the learning achievements of students. One of the models of motivation that can be used in a textbook model is ARCS (Attention, Relevance, Confidence, Satisfaction). Motivational model ARCS aims to make/design the instructions to make it more interesting for the students. Motivation is often regarded as one of the elements is important and must be observed in making the textbook. Textbook is designed so that every student in the study seem to present it to them so interested in studying it.*

## **SUMMARY**

*1. Textbook Read critically and Creatively developed using methods of development of the Borg and Gall with modifications. There are ten stages in textbook Reading critically and Creatively in this study i.e., needs analysis, collection of information, the draft textbook, textbook compilation, validation expert material and media experts, revision I textbook material and expert evaluation, media experts, revision II textbook, textbook, and test feasibility of learners.*

*2. As a professional lecturer required has a number of competencies in order to carry out its task properly. Attempts to prepare professional educators is to develop textbook. One example of the development of textbook in courses Read critically and creatively. The development of textbook reading critical and creative needs to be packed with creative, innovative, and fun so that students are motivated and active in following the instruction. Textbook containing elements of motivation can affect the learning achievements of students.*

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