

CHAPTER II

LITERATURE REVIEW

A. Perception

1. Definition of Perception

Perception is the way people notice things, especially with the senses. In addition, perception is an idea, a belief or an image people have as a result of how they see or understand (Homy, 2006: 1079). According to Schmitz (2009), perception is the process of selecting, organizing, and interpreting information. Perception constitutes the process used by people to manage and interpret impressions of their senses to give meaning to their environment. People that have perception on an object can be positive or negative ways. Through the perception, people can create relationships with environment. This relationship is done through their five senses. Those are vision, hearing, taste, smell, and touch.

Koentjaningrat as cited in Sahal (2010: 7) explained that perception is the realization of human brain processes and it appears as a view about phenomena. In this process many factors such as feeling, needs, motivation, educational background, experiences, etc are involved. Then, the process is followed by which a person's brain arrives at meaningful interpretation of stimuli. After defining the term of perception. This research, perception means giving an opinion or message about something that happened. People have different perceptions on an object or thing. The function of the perception is as an establishment of our adjustment. The perception can be positive or negative.

On the other hand, Devito (2009) defines perception as a fundamental process in all interpersonal communication that people will perceive the information through five stages, such as stimulation, organization, interpretation-evaluation, memory, and recall.

2. The Process of Perception

According to Devito (2009), the process of perception formation takes several stage, namely:

- a. Stimulation. In perceiving something that is happening, it comes someone's attention. In this stage, people will connect sensory stimulation with particular stimulus by processing and describing it through their sights, sound, smell and taste systematically. Stimulation can be categorized as selective attention and selective exposure. According to Rooks & Wilson (2000) and Devito (2009), selective attention occurs by anticipating needs fulfillment and proving enjoyment.
- b. Organization. Perception is organized by rules and schemata. Perception is organized by rules when people see things physically, they will create a unit in their brain. Then, they will develop it from actual experiences and past experiences. Their brain will process this unit into a schema. In processing the schema, sometimes people's brain makes a mistake because it allows their brain to see inexistence things.

- c. Interpretation-evaluation. In this stage, people will interpret and evaluate the schema. They can decide the meaning of this schema and react about it.
- d. Memory. In this stage, people will keep their perception according to their schema in their brain. Then, they will connect it with their beliefs and personal experiences.
- e. Recall. In this stage, people need to recall events from actual and past experiences to make sure their perception.

Based on the explanation about perception, we can conclude that perception is process of receiving, collecting, organizing, recalling, and interpreting, information from human's outside environments that can be a start and source of sensual or intellectual cognition. While experiencing this process, people will involve in five stages of perception; stimulation, organization, interpretation-evaluation, memory, and recall.

3. Factor Affecting Perception

According to Mftah Toha (2003 : 154) the factors that influence people's perception is as follow:

- a. Internal factors: Individual feelings, attitude and personalities, prejudices, desire or hope, attention (focus), learning process, physical state, psychological disorders, values and needs are also interest, and motivation.
- b. External factors: family background, information obtained, knowledge and needs around, intensit, size, vulnerability, repetition of motion, novelty and

familiarity or a mismatch object. According to Walgito (2004: 70) the factors that play a role in perception can be put forward, namely:

a. Objects perceived

The object generates a stimulus that concerns the sense device or receptor. Stimulus can come from outside the perceiving individual, but also can come from within the individual concerned directly concerning the receiving nerve working as a receptor.

b. Attention

To realize or in holding perceptions is the attention is needed, that is the main step as a deep preparation in order to hold perception. Attention is a central or the concentration of all individual activities aimed to something set of objects.

B. Theoretical Review of English Electronic Book

1. Definiton

English electronic school books or often called BSE are books that are arranged in the form of soft files so that we will easily learn and do not need to carry books in the form of hard files.

This English E-Book has the same use as the use of books, only in different formats. English E-Book come in the form of files that can be downloaded from the Ministry of Education and various other websites. The English E-Book is an embodiment of the government's efforts to promote the

world of Indonesian education. No wonder English E-Book prices are more affordable. This means that the community can be enjoy with the education without expensive fees.

A book as a “type portable digital information having shapes varied from compacted disc to interactive database on the internet or a group of web pages”, or “interactive pages containing electronic information displaying many of the characteristic of the electronic book”, or “a learning environment with an application program containing a database with assistant media for educational resources capable of saving multimedia presentations related to subjects before importing them”. Shirratudin and Landoni (2003: 112).

The BSE or e-book defined as “the container that has been transformed to digital form, and readable via personal computer or via a compacted disc or portable device designed to achive this purpose, and usually it can be exchanged and set available on the internet and through its service, e-book is featured than printed media by adding multiple new specific features such as hypertext links, cross-references function and multimedia elements. Annuradha and Usha (2006: 54). Nowadays English Electronic Book was printed by the goverment, and the neamed of that book is “When English Rings a Bell’. The teachers and students can use that book for a learning process.

2. The function of English E-Book

English E-Book also have the functions like other books, where the main function is as a learning media (to get knowledge from English E-Book or share knowledge to the English E-Book). Can get a lot of knowledge from English E-Book that has been made by many people. English E-Book is even shared free of charge with various types of English E-Book. As an information medium through the English E-Book we can find the information we are looking for just like ordinary books.

The difference between English E-Book and a normal book is its contents. Basic books basically only contain text and images. But the English E-Book contains multimedia content such as text, images, video and audio. In addition, the English E-Book itself, especially in PDF and HTML format, has a search feature that makes it easier for you to find the information you want to get. For example this blog. For students who are quickly bored and hard to find answers given by the teacher in learning, English E-Book is the solution. Because English E-Book is very easy to understand than ordinary books, besides that the English E-Book is also very fun and complete for us to learn. English E-Book Disclosure of new ideas if you have an interest in making a book to express new ideas or ideas, you don't have the funds to make books at the nearest bookstore. No need to worry, English E-Book is one alternative for those of you who like to write and have bright ideas and cool and useful ideas.

3. Advantages of English E-Book

English electronic book that teachers and students use in learning process have some advantages, those are :

- a. The BSE or English E-Book help teacher in arranging a teaching and learning process. Therefore preparing the teaching materials for each class will not consume lots of time. Besides, Cunningsworth (1995) mentions that the uses of English E-Book are considered helpful because most of goals and aims have already been prepared in set of practices based on what students need to learn.
- b. The BSE or English E-Book equipped with a learning strategy that will be developed by the teacher (for example students playing roles, observing, asking questions, telling stories, singing, and drawing).
- c. The BSE or English E-Book consist of various student assessment techniques and information that can be a reference for remedial and enrichment activities, making it easier for teachers to provide assessments for students. Finally, English E-Book also consist of teacher and parent interaction activities, which provide opportunities for parents to actively participate through student learning activities at home.

4. Disadvantages of English E-Book

English electronic book that teachers and students use in learning process have some disadvantages, those are :

- a. The BSE or English E-Book only has minimum evaluation questions. Evaluation questions is an integral part of the order orientation concepts and skills produced by learners to be measured.
- b. The BSE or English E-Book in Indonesia is only has one source. More sources in English E-Book it allows teachers to be more active and creative in designing the material.
- c. The material is too much and the delivery is often unbalanced. In fact, well materials arranged in order from easy to difficult will be easier for students to learn.
- d. Typing errors are also available in this book. Small punctuation marks are often conveyed in writing. Although small, but things that can make students misunderstand and crack as habits.

5. Format of English E-Book Designs

Chen (2008: 8) determined the formats and types used to design of English E-Book into three main types:

- a. English E-Book in a (PDF) Portable Document Format

PDF is the most popular format for English E-Book, easier to use and most widely used, it depends on its creation and reading on Adobe Acrobat software produced by the Adobe International Company, this types of files is featured by how easy to upload and download it from/to the internet with all web browsers, which makes it no needs for special devices to read, in addition

to the possibility of displaying it on all operating systems, either on Windows, Mackintosh or Android Adobe company works consistently on developing Adobe Acrobat Applications in order to facilitate its usage which make it easier to modify PDF files through these applications with no need to reproduce again.

b. English E-Book in a (RTF) Rich Text Format

This type of English E-Book file formats is distinguished by being easy to modify and possibility to read it with word processing application, it can be used as well for newspaper and magazines and books that can be printed in an arranged from such as the arrangement used for printed books.

c. English E-Book in HTML Format

This type of English E-Book file format is used when english electronic book size is huge. This type of electronic is used to produce help files for software and computer application, this type of formats needs skill and experience in web pages developing using HTML programming language, and it needs special reader and also can read it through internet web browsers.

6. Components of English Electronic Book in Junior High School

According to Pusat Kurikulum dan Buku or *Puskurbuk* (2013) these are components of English E-Book:

a. Completeness

In completeness, english electronic book is expected to expose students to understand and produce both interpersonal and interactional conversation

whether in spoken or written to help them interact in contextual and themed situations along with many other characteristic, religious and aesthetic values included.

b. Compatibility

English electronic book is expected to expose student with as many kinds of text that relevant with students' daily life in order to help them get used to any kinds of texts as possible. Then text retentions means that electronic book should guide students in understanding the social function, structure of text, and linguistic feature.

c. Communicativeness

Communication is the process of passing information and understanding from one person to another. Communication is simply the act of transferring information from one place to another. Communication is the act of conveying meanings from one entity or group to another through the use of mutually understood signs, symbols, and semiotic rules.

d. Scientific Approach

Scientific approach is an approach used in learning by focusing on the use of scientific methods in teaching and learning activities. Scientific approach is a scientific process systematically acquire knowledge based on physical evidence.

e. Sources

Learning resources are all sources in the form of data, people and certain forms that can be used by students in learning, both separately and in combination so as to facilitate students in achieving learning goals or achieving certain competencies.

f. Instructional Materials

Instructional material is the knowledge, skill, and attitude that must be mastered by students in order to meet the established competency standards. Instructional materials are any collection of materials including animate and inanimate objects and human and non-human resources that a teacher may use in teaching and learning situations to help achieve desired learning objectives. Instructional materials may aid the student in concretizing a learning experience so as to make learning more exciting, interesting and interactive.

7. Previous Research Findings

English Electronic school books (English E-Book) as medium of instruction is being interested topic to conduct it as a research. The researcher found out some researchers that relates to the topic. It derived from education journal and thesis.

The first research comes from Bachtiar with her thesis titled '*Students' Perceptions of the use Electronic Book School*', a case study in Universitas Darwan Ali. In his thesis, he discussed about students' perception in her research

site. The objective of this study was to investigate students' perceptions of how to attract students' interest in learning English by using electronic books. The researcher took 56 students at Universitas Darwa Ali. The instrument that the researcher used was survey questionnaires and interview consisted of both open-ended and close-ended questions. The result of the research explained that almost of the students were prefer if the lecture used E-book because it will make teaching learning process more fun also make them more excited to learn english more. Besides, the students can enjoy what lecturer said with media that they showed.

The second research was conducted by Alwi and Asyhar with their journal titled "*Attitude and Perception of High School Students and Teachers of Jambi city on E-Book in Learning Science*", a case study in Universitas Jambi. In this journal their discussed about the attitudes and perception of students and teachers towards e-book in some schools in the city of Jambi. The objective of this study was to investigate. Information in the form of knowledge attitudes and perceptions of students and teachers towards e-book becomes an input for teacher in a lesson plan.