Teaching Social Sciences through Ethnophotography

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Abstract

Curriculum 2013 requires teachers to be more creative in compiling teaching materials which are innovative, varied, exciting, contextual, and in accordance with learners’ needs to achieve learning objectives. This research aims at developing IPS materials for VII graders of Junior High School (SMP) based on ethnophotography. This study used Research and Development design (R & D). The results were analyzed by qualitative analysis technique. The results show that most social studies (IPS) teachers have not yet developed the IPS materials for VII graders of SMP which is relevant to the environmental conditions. The ethnophotography was used to determine the development of IPS materials by photographing/taking pictures of each regional potential to be used as supporting material in IPS materials. Through ethnophotography, the students would be more interested and easier to learn the material, and at the same time, they learn a variety of region’s potential. In conclusion, the IPS material based on ethnophotography can be used as one of the ways to develop teaching materials to get more effective and efficient learning because students can easily understand the material through the photographs displayed in the teaching materials because the photographs show a variety of things around it.

Keywords: teaching materials development; IPS; VII graders of SMP; ethnophotography

INTRODUCTION

In accordance with the Article 2 of Act No. 20 of 2003 on National Education System, our national education is based on Pancasila and the Constitution of the Republic of Indonesia 1945. Article 3 confirms that national education serves to develop the ability and character development as well as dignified civilization in framework of educating the nation. It aims to develop students’ potentials to become a man of faith and fear of God Almighty, noble, healthy, knowledgeable, capable, creative, independent, and become responsible citizens of a democratic country.

To realize the goal of national education, it requires qualifications of graduates, including the ability, attitudes, knowledge, and skills of learners which they must achieve from educational unit on elementary and secondary education.

The graduates of SMP/MTs/SMPLB/Paket B have the attitude (behavior that reflects the attitude of the faithfulness, noble, knowledgeable, confident, and responsible to interact effectively with the social and natural environment within reach of the association and its existence), knowledge (having factual knowledge, conceptual and procedural in science, technology, arts, and culture with insight into humanity, nationality, state, and civilization-related phenomena and events that looked the eye), and skills (the ability of thinking and follow-effective and creative in the realm abstract and concrete in accordance with the learned in school and other similar sources) (Copies of Enclosure Regulation the Minister of Education and Culture No. 54 of 2013 on Graduates Competency Standards for Primary and Secondary Education).

In 2013 curriculum of standard com-
petencies are described in textbooks, in which the textbook has been provided by the government. The teachers and students are expected to use the book as a learning guide for both of them. Student books have explained the minimal effort for learners to achieve the expected competencies. In the process of learning, learners are encouraged to seek from other learning resources available and sprawling surroundings. Therefore, the teacher’s role is very important in improving and adjusting the absorption of learners with the available activities stated in the book. Teachers are expected to enrich it with the creation of other forms and activities that are relevant for social and natural environment of each region (Kemdikbud, 2013). This means that every teacher is expected to develop and adjust instructional materials according to their potentials.

The teacher as the main controller in the learning process of classroom needs to look first to the student books and teacher manuals that have been provided by the government. It is necessary to be thorough on the book provided by the government aimed for the purposes of a national scale. Therefore, local-based learning resource is important to be considered.

Etnophotography is a method for deeply exploring the potential of society and culture in a certain place. Through Etnophotography, teachers can develop teaching materials within students’ and teachers’ books from social and natural environment of each region so that it can be relevant to the situation and will help students understanding the material better. It is necessary for further development in order to produce teaching materials of social sciences (IPS) for VII graders of junior high school (SMP) based on appropriate Etnophotography.

RESULTS AND DISCUSSIONS
In accordance with the concept of Curriculum 2013, IPS subject for VII graders in SMP is compiled based on integrated social sciences learning. Learning for each subject should be continued to make students skilled in presenting knowledge both for concrete and abstract aspects. Learning is aimed at providing a complete insight for junior high school students about the concepts of space and time connectivity along with social activities.

Here is the identity of IPS Textbooks for SMP / MTs VII grade Revised Edition 2014:

- Book Name: Ilmu Pengetahuan Sosial Kurikulum 2013 Edisi Revisi 2014 SMP/MTs Kelas VII
- Contributors: Ahmad Mushlih, Iwan Sitiawan, Suciati, and Dedi
- Reviewers: Mukminan, Slamet Achmad, Siti Irene Astuti, and Tri Wahyuning
- Publishing supervisor: Curriculum Center and of Books, Research, Kemdikbud
- ISBN: 978-602-282-325-4
- Number of Pages: 281 Pages

The Front cover of IPS Textbooks for SMP / MTs Class VII Revised Edition 2014 is as follows:
Inside the book, Geography is used as the basis (platform) of discussion of other disciplines. Through a general idea of the Republic of Indonesia (NKRI), the students are introduced to the diversity of the potential of each region. The potential diversity creates supply-demand dynamics dimensions of space and time which triggers the importance of multi-dimensional connectivity bond formation, so it will generate solid unity in existing diversity.

The discussion is divided based on diverse development capitals owned by the state and nation, namely human capital, location capital, natural resources capital, and cultural resources capital (including indigenous people). Understanding of the capitals of this development will strengthen confidence, love and pride of the students for the excellence of their Homeland, thus growing awareness to manage, utilize and conserve the capitals that are responsible for the prosperity and progress (Book IPS Class VII SMP).

In order to achieve learning objectives, an IPS teacher is required to be able to develop teaching materials in accordance with the social and natural environment of each region so that it can be relevant to the situation. Therefore, textbooks provided by the government are made on a national scale; a wide variety of material presented is national-based. Therefore, teachers should develop teaching materials IPS in accordance with the local environmental conditions around the students.

Development of teaching materials becomes one of the things that are important in the achievement of learning objectives. Teaching materials is a set of knowledge, attitudes, and skills that must be learned by the students in order to achieve standard competence which have been determined. In detail, the types of learning materials consist of knowledge (including facts, concepts, principles, and procedures), skills, and attitudes or values (Djelita, 2013; Haji, 2011; Mulyana, Elih, et al., 2013; Harijanto, 2007).

The forms of teaching material are divided into three forms, namely: first, teaching materials according to their form: printed teaching materials, for example handouts, books, modules, worksheets, brochures, leaflets, wall chart, photos / images, and models / mockups, teaching materials for listening / audio programs, for example, cassette, radio, LPs and audio CDs, instructional materials for audiovisual, for example, VCD and films and interactive teaching materials, for example, audio, text, graphics, images, animation, and video). Second, teaching materials according to how it works: teaching materials that are not projected, for example, photographs, charts display, teaching materials that are projected, for example, slides, filmstrips, overhead transparencies, projection computer, Audio teaching materials, for example Compo tape, CD player, multimedia player, flash disk, Video teaching materials video, for example, VCD player, DVD player, Computer teaching materials, for example, computer assisted instruction and computer-based multimedia / hypermedia. And third, teaching materials according to its nature, print-based teaching materials, for example books, tutorial materials, technology-based materials, such as radio broadcasts, and films, practice-based materials, for example, science kits, observation sheets, teaching materials required for the purposes of human interaction, especially for distance edu-
cation purposes such as telephone, mobile phone. Instructional materials have the following benefits (Putrayasa, 2011):

1. The use for teachers: teachers will have teaching materials that can assist in the implementation of learning activities. Teaching material can be submitted as a work to increase the number of educators’ credit for the purpose of promotion and increase revenue for educators if their works are published.

2. The use for students: learning activities becomes more attractive, more students will have the opportunity to learn independently with the guidance of educators, and students find it easy to learn each competency that should be mastered.

In the implementation, the majority of IPS teachers for VII graders of SMP have not yet developed teaching materials in accordance with the potential of each area. IPS teachers still use textbooks from the government as the main textbook in IPS class, including in SMP 2 Semarang, SMP 5 Semarang, and SMP Is. Roudlotus Saidiyah Gunungpati, Semarang. Three IPS teachers in those schools have not yet developed teaching materials based on local potentials; they tend to develop materials orally using a variety of learning approaches that are contextual.

The condition is in accordance with the statement of some IPS teachers in those schools, “...... in teaching social studies, we use a book that has been provided by the government, with contextual learning model, namely the attempt to relate the material to the issues raised in the community, ...... because the curriculum in 2013 are new so we have not had time to develop teaching materials “.

This is also expressed by students, that IPS is a difficult subject because there are many things to be learned, ranging from Sociology, Anthropology, Geography, so it tends to require memorization, as expressed by some students, “...... social studies is difficult, a lot of memorization, a lot to learn, because 3 materials are combined into one...... “.

Therefore, teacher’s role is very important in making learning social studies in order to be more fun so that students are interested and able to understand the material easily. Junior high school students in psychology enter the domain of early adolescence, in which one of the characteristics of its development is to like things that are visual, such as drawings, comics, photographs, and so forth. This is consistent with the statement of Astuti, et al (2014) which states that students are more interested in exciting and familiar image visualization.

Development of IPS teaching materials for VII graders which is in accordance with the potential of each region can be done with etnophotography. Etnophotography is a study in anthropology and photography that emphasizes on the incredibility of the things that are conventional. Etnophotography, is a blend of ethnography and photography. As a method, etnophotography uses the work of ethnography by the medium of photography to support the good work in data collection, analysis, and results. Hence, the use of visual materials (photographic) becomes the main material for doing the ethnography (Collier, John, and Collier, Malcolm, 1986; Rikhmawan, 2012).

Development of IPS teaching materials for VII graders of SMP based on etnophotography has the following objectives:

1. Meeting the demands of curriculum in 2013 about the necessity of teachers to develop teaching materials in accordance with the potential of each region.

2. Introducing the students about the different kinds of potential in the region.

3. Facilitating the students in learning the material.

4. Making it easier for teachers to provide materials that are relevant to the potential of the surrounding area.

5. Enriching IPS teaching materials for VII graders.

The most important thing to do in
developing teaching materials based on etnophotography is selecting and sorting the photos of Central Java’s potential in accordance with the material. This is done by photographing/taking pictures in thirteen (13) cities / regencies in Central Java, Semarang City, Semarang regency, Kendal regency, Demak regency, Kudus regency, Pati regency, Jepara regency, Wonosobo regency, Magelang regency, Banjarnegara regency, Wonogiri regency, Surakarta City, Cilacap regency. After taking some photos that are tailored to the material, then we must select photos that depict the most appropriate potentials in terms of material representation, the sharpness of the colors in an image, the proportion of photos, and so forth.

Based on the above development of IPS teaching materials for VII graders of SMP, the supporting IPS book based on local potential is created: IPS Textbook for VII graders SMP based on Etnophotography of Central Java. The book contains photographs of the potential of Central Java (both natural resources (biotic, abiotic) and Human Resources) which is adapted to the material. The following are examples of area potential photos in the book:

Table 1. Photos of Central Java’s potentials that are used in the IPS book for VII graders

| No. | IPS Materials | Photos of Central java Potentials |
|-----|---------------|-----------------------------------|
| 1   | Nature (Beach) | Bandengan Beach, Jepara           |
| 2   | Agricultural land terracing | Faring in Dieng Plateau, Area in Umbul Sidomukti Hill, Bandungan |
| 3   | Plateau       | Dieng Wonosobo                    |
| 4   | Tea Plantation | Tea plantation of Tawang Mangu Solo, Tea Plantation Medini |
| 5   | Temple        | Borobudur Temple, Gedong Songo Temple Ungaran, Sukuh Temple |
| 6   | Places of Worship for several religions | Menara Kudus Mosque, Blendug Kota Church Semarang, Sedaleman Pura Karanganyar, Avalokitesvara Pagoda in Buddhagaya Vihara Watugong Semarang |
| 7   | Slum Area     | Jebres Solo                       |
| 8   | Natural Resources (Marine) | Karimunjawa Beach |
| 9   | Reservoir     | Gajah Mungkur Reservoir Wonogiri   |
| 10  | Tropical Rain Forest | Boja Kendal Tropical Rain Forest |
| 11  | Mangrove Forest | Mangrove Forest Karimunjawa        |
| 12  | Coral Reef    | Karimunjawa Sea                   |
| 13  | Wet Land Agriculture | Agricultural Area in Demak, Kendal, Wonosobo |
| 14  | Cattle Farm   | Boyolali                          |
| 15  | Wooden Furniture | Mebeler Jepara |
| 16  | Tourism Sites | Kartini Jepara Beach, White Sand Beach Karimunjawa |
| 17  | Endemic Species | Kantil Flower, Golden Kepodang Bird |
| 18  | Pre-historical life | Sangiran Museum |
| 19  | Beach Abrasion | Marina Beach Semarang             |
| 20  | Trade Center  | Klewer Market Solo, Johar Market, and Bulu Market Semarang |
Table 2. Development of IPS textbooks for VII graders based on ethnophotography by using the steps in the development of teaching materials presented by Prastowo

| No. | Stages                                                                 | Steps                                                                 | Aspects                                                                                                                           |
|-----|------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1.  | The analysis of IPS teaching materials needs for VII graders SMP        | analyzing curriculum standard competence (SK)                        | availability of learning sources                                                                                                                                                       |
|     |                                                                        | Basic competence (KD)                                                 | suitability of learning sources with learning objectives                                                                          |
|     |                                                                        | Learning achievement indicators                                       | ease and use of learning sources                                                                                                                                                     |
|     |                                                                        | Main Materials                                                        |                                                                                                                                                                                  |
|     |                                                                        | Learning Experience                                                   |                                                                                                                                                                                  |
|     |                                                                        | Analyzing learning sources                                            |                                                                                                                                                                                  |
|     |                                                                        | choosing and selecting learning sources                              | paying attention to three principles of relevance of SKKD, consistency with KD, and material coverage for mastering KD          |
|     |                                                                        |                                                                       | SKKD identifying aspects within material needs                                                                             |
|     |                                                                        |                                                                       | identifying the types of learning materials                                                                                 |
| 2.  | understanding the criteria for selection of learning resources         | understanding general criteria                                        | Economical, practical, simple, easy to find, and flexible.                                                                      |
|     |                                                                        | understanding specific criteria                                       | Learning resources can motivate learners in learning, learning resources for teaching, learning resources for research, learning resources for problem solving, and learning resources for presentation. |
| 3.  | mapping out the IPS teaching materials for VII Graders SMP             | knowing the amount of teaching materials to be written down           | material needs                                                                                                                                                                      |
|     |                                                                        | knowing the sequence of teaching materials                            | determining the priority of writing the nature of teaching material which is “dependent”                                           |
|     |                                                                        | deciding the nature of teaching materials                             |                                                                                                                                                                                  |
| 4.  | creating IPS teaching materials for VII graders SMP based on the forms/structures of materials | printed materials structure books (consists of title, KD, materials, exercise, and evaluation) | Images/Photos (KD/materials, supporting information, assignments/step, evaluation)                                                |
CONCLUSION

Based on the results and discussion, this study concludes that in the implementation of Curriculum 2013, the majority of IPS Teachers in VII graders of SMP have not yet developed teaching materials in accordance with the potential of each area. Teachers tend to choose developing material orally by using a variety of learning approaches that are contextual. The development of IPS te-
Teaching materials for VII SMP based on Ethnophotography has many advantages. Therefore, it can facilitate teachers and students in the process of achievement of learning objectives.

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