

THE DEVELOPMENT OF ENGLISH READING COMPREHENSION SKILLS BY USING EXERCISE BOOK TO IMPROVE LEARNING ACHIEVEMENT IN ENGLISH SUBJECT OF GRADE 4 STUDENTS AT DEMONSTRATION SCHOOL OF SUAN SUNANDHA RAJABHAT UNIVERSITY

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ABSTRACT

The purposes of these research were to (1) to develop the exercise book to be effective according to the set criteria 80/80 (2) to compare pretest and posttest of English learning achievements of grade 4 students Demonstration school of Suan Sunandha Rajabhat University

The purposive samplings used in the experiment were grade 4 students in the first semester of the academic year 2023. The tools used were (1) reading comprehension exercise book (2) lesson plans 3) English learning achievement. This research analyzed the statistical data by using the mean (\bar{x}), standard deviation (S.D.), E1/E2 values and testing the hypothesis using dependent t-test.

The results showed that reading comprehension exercise book has an effectiveness at 81/82, which was higher than the set criteria and the learning achievement of the experimental group posttest was also significantly higher than pretest at the .05 level.

Keywords: English reading comprehension, learning achievement, exercise

Background and significance of the problem

Language is a tool for human communication in the same society or different important societies and using it the most language is the medium that makes social structure complete. Language is thus the heart of communication. English is the lingua franca commonly used for communication throughout the world. It is the language of opportunity. That is one of the qualifications for those currently working in each career field requires that they be able to listen, speak, read, and write English well. Learning English is therefore very important and necessary in everyday life. Helps learners understand themselves and others better. Learn to understand differences in language and culture, thinking, society, economy, politics, and government. Have a good attitude towards using foreign languages. and can use foreign languages for communication. Access to various knowledge more conveniently and widely [1](Ministry of Education, 2008). According to the goal of the curriculum, studying a foreign language will help students have a broader vision. and gain confidence in communicating with foreigners.

English Reading skills are important skills that need to be developed effectively. This is because people need to use various information in their studies and research to benefit the development of human intelligence. Therefore, it can be considered that reading skills are the key to understanding the content. Articles and documents that are commonly found in everyday life. In addition, reading skills help to understand the importance of the story. Teaching reading to understand Able to understand the main idea You need to know the differences between the stories you read. Because stories, articles, and documents have different aims. Therefore, teachers must plan and prepare for teaching and learning that encourages students to have good reading skills. [2](Atcharawan Sirirat, 2006) that is, teaching English reading skills should be

taught after learners have read the entire content. and promoting skills or language structures and finding the meaning of words necessary for reading English content.

From the current situation of teaching and learning English. It shows that the learners' academic achievement in English is in the range that needs to be developed, especially reading skills. Learners are unable to answer questions and tell details of the content. Part of the reason is that students still lack reading comprehension skills. [3] (Amphaiphan Suanson, 2016) Therefore, the researcher sees the importance of solving the learning problems of students in reading skills to be successful in order to meet the needs of changes that occur all the time. By developing skill training models to use in organizing learning. "Skills enhancement exercises" are necessary media that enable learning to achieve its aims. It also helps strengthen and practice students' study skills very well. [4] (Chaoyong Promwong, 2001) Provides opportunities for students to practice language skills by means of task-based learning, practice-based learning, which emphasizes meaning in communication rather than language form (form) until achieving the set goals Reflect your understanding of what you read. and the workpiece appears There are clear procedures for operating. [5](Willis J, 1996; Ellis R, 2003)

From the importance mentioned above the researcher is therefore interested in development of English reading comprehension by using exercise book exercises to improve learning achievement of grade 4 students at Suan Sunandha Rajabhat University and develop basic knowledge for learning English at a higher level.

Research objectives

1. To develop the exercise book to be effective according to the set criteria 80/80.
2. To compare pretest and posttest of English learning achievements of grade 4 students Demonstration school of Suan Sunandha Rajabhat University.

Research hypothesis

1. The exercise book was effective according to the criteria of 80/80.
2. The posttest of English learning achievements for grade 4 students at Demonstration school of Suan Sunandha Rajabhat University was higher than pretest.

Research methodology

1. Population

1.1 The population used in this research consisted of 100 grade 4 students at Demonstration School of Suan Sunandha Rajabhat University, semester 1, academic year 2023.

1.2 The experimental group used in this research was 32 students in grade 4/3 at Demonstration school of Suan Sunandha Rajabhat University by purposive sampling.

2. Research tools

The researcher has used the following tools to research the development of English reading comprehension skills by using exercise book to improve learning achievement in English subject of grade 4 students at Demonstration School of Suan Sunandha Rajabhat University as follow:

2.1 Exercise book for grade 4

2.2 Lesson plans 10 plans

2.3 English achievement test, 40 questions

3. Variables used in research.

3.1 Independent variable was the development of English reading comprehension skills by using exercise book.

3.2 Output variable was learning achievement in English subject of grade 4 students.

4. Creation and quality of research tools.

In research on the development of English reading comprehension skills by using exercise book to improve learning achievement in English subject of grade 4 students at Demonstration School of Suan Sunandha Rajabhat University, the researcher created and determined the quality of the tools as follows.

4.1 Lesson plans

4.1.1 Studied content and indicators of the standards curriculum learning English subject at Grade 4 in accordance with the basic education core curriculum 2008 to define the detail such as scope of content, standards, and indicators for designing activities, media, learning resources, and measuring learning outcomes.

4.1.2 Determined the structure of the lesson plans.

4.1.3 Proceeded with writing lesson plans by using exercise book.

4.1.4 Presented the lesson plans by using exercise book to 3 experts, using 5-level rating scale evaluation form and interpret the values, then make corrections Improve according to recommendations.

4.1.5 To apply the lesson plan by using exercise book to the experimental group.

4.2 English learning Achievement Test

4.2.1 Studied indicators and learning content foreign language learning group, English subject Grade 4 from the core learning content, B.E. 2008, creating a cognitive test of Bloom's Taxonomy (Bloom.1956:123-125), documents and Related research.

4.2.2 Studied methods and analyze content for creating English learning achievement Test.

4.2.3 Created English learning achievement test, Multiple choice type, 4 options.

4.2.4 The completed learning achievement test was given to 3 experts to check for content validity and find consistency (Index of Item Objective Congruence: IOC) from the formula (Riviovelli and Hambleton, 1997) by considering selecting questions with an IOC equal to 1 and then improving according to expert recommendations. For the test to be complete and to collect further data.

4.2.3 The English learning achievement test was tested to determine the reliability before using it in the experimental group, got a reliability value of 0.77.

4.3 Exercise book

4.3.1 Determined the content and created for creating exercise book to improve learning achievement in English subject of grade 4 students at Demonstration School of Suan Sunandha Rajabhat University

4.3.2 Presented the exercise book to 3 experts to check the suitability of the exercise book using the appropriateness assessment form, which is a 5-level rating scale that has the highest level of evaluation results.

4.3.3 Use the exercise book to find an efficiency of 80/80 in three times which was found exercise book has an effectiveness at 81/82, which was higher than the set criteria.

Table 1 The Results of the exercise book.

Experimentation	N	Score during study		Progress test		Efficiency E ₁ /E ₂
		S.D.	Percentage (E ₁)	S.D.	Percentage (E ₂)	
First group	3	3.00	80.00	3.46	81.67	80.00/81.67
Second group	9	2.68	80.37	1.76	82.41	80.37/81.48
Third group	20	3.02	81.00	3.02	82.00	81.00/82.00

From Table 1, it was found that the results of testing the efficiency of the exercise book according to the testing procedures were more effective than the criteria 80/80, which shows that the exercise book had high quality and can be used with the experimental group which is in accordance with the research purposes.

Data Collection

1. Examined pre- test for experiment group by using the English learning achievement test.
2. Started teaching by using experimental.
3. Examined post- test for experiment group by using the English learning achievement test.
4. Analyzed the collected data by using statistical methods such as mean (\bar{x}), standard and deviation (S.D.) to test the hypothesis.

Data analysis

The researcher analyzed the data as follows: testing the difference in pretest and posttest scores of the experimental group, t-test Dependent.

Conclusion

From the research, results can be summarized according to the stated objectives as follows.

1. The exercise book has an effectiveness at 81/82, which was higher than the set criteria.
2. The learning achievement of the experimental group posttest was also significantly higher than pretest at the .05 level.

Table 2 Learning achievement of the experimental group, Grade 4 at Suan Sunandha Rajabhat University Demonstration School.

Students	N	Total score	\bar{x}	S. D	t	sig
Pretest	32		20.14	4.48		
posttest	32	30	25.88	3.31	10.86	0.00

*p< .05

From Table 3, it is found that learning achievement in English subjects of students in grade 4 at Demonstration school Suan Sunandha Rajabhat University, posttest is higher than pretest Statistically significant at .05 with average pretest score (= 20.14, S.D = 4.48) and average posttest score (= 25.88, S.D = 3.31).

DISCUSSION

Research on the development of English reading comprehension skills by using exercise book to improve learning achievement in English subject of grade 4 students at Demonstration School of Suan Sunandha Rajabhat University. It is experimental research aimed to (1) to develop the exercise book to be effective according to the set criteria 80/80 found that the efficiency of the exercise book performed an efficiency finding with an efficiency value of 81.00/82.00 when compared to the efficiency criterion of 80/80. However, the effect of the effectiveness of the exercise book may be because the exercise book is interesting. There is also a variety of exercises to be done so that students can practice until they understand. This is consistent with the research of [6]Natthakritta Kongrat and Tubtimthong Korbuakaew (2020)

on the development of English writing skills training for communication using the self-learning process for Mathayom 2 students. Efficiency is equal to 87.33/83.75, which is higher than the specified efficiency criteria of 80/80. (2) to compare pretest and posttest of English learning achievements of grade 4 students Demonstration school of Suan Sunandha Rajabhat University found that grade 4 students have the average pretest score was 20.14 and the posttest score was 25.88, which was significantly higher than pretest at the .05 level. This may be due to students doing exercises that promote reading comprehension, allowing students to analyze and understand the content well.

SUGGESTION

1. The development of exercise books to receive efficiency was able to further study the pleasure of students towards the skills-enhancing exercises.
2. The preparation of exercise books can be created in all subject groups and concern into amount of content and grade level of students.
3. There should be a comparison of learning using exercise book with learning in various forms, such as cooperative learning and learning like a flipped classroom, etc.

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