

**AN ANALYSIS OF MATH CONTENTS IN THE ENGLISH TEXTBOOK
“STUDENT’S BOOK: MY NEXT WORD FOR ELEMENTARY SCHOOL
GRADE 1” BASED ON THE MERDEKA CURRICULUM**

THESIS

**By
DEWI RAHMAWATI**



**ANTASARI STATE ISLAMIC UNIVERSITY
BANJARMASIN
2024 AD/1445 AH**

**AN ANALYSIS OF MATH CONTENTS IN THE ENGLISH TEXTBOOK
“STUDENT’S BOOK: MY NEXT WORD FOR ELEMENTARY SCHOOL
GRADE 1” BASED ON MERDEKA CURRICULUM**

Undergraduate Thesis

Presented to Faculty of Tarbiyah dan Teacher Training
in partial fulfillment of the requirements for the degree of
Sarjana Pendidikan

**By
Dewi Rahmawati
190101030529**

**ANTASARI STATE ISLAMIC UNIVERSITY
FACULTY OF TARBIYAH AND TEACHER TRAINING
ENGLISH EDUCATION STUDY PROGRAM
BANJARMASIN
2024 AD/1445 AH**

STATEMENT OF AUTHENTICITY

I, the undersigned, Dewi Rahmawati, declare that this undergraduate thesis is my original work, gathered and utilized especially to fulfill the purposes and objectives of this study, and has not been previously submitted to any other university for any degree or other purpose. I also declare that the publications cited in this work have been properly acknowledged. If someday, it is proven otherwise, I understand that my degree will be revoked.

Banjarmasin, May 27th 2024
The Writer,




Dewi Rahmawati

PLAGIARISM LETTER



KEMENTERIAN AGAMA
UNIVERSITAS ISLAM NEGERI ANTASARI
FAKULTAS TARBIYAH DAN KEGURUAN
PRODI TADRIS BAHASA INGGRIS

Jalan Jenderal Ahmad Yani KM. 4,5 Banjarmasin Telepon (0511) 3253939 Faksimile (0511) 3274492
Web: www.ftk.iain-antasari.ac.id

SURAT BUKTI BEBAS PLAGIASI

Nomor: B-375/Un.14/III.1.f/PP.00.9/06/2024

Ketua Program Studi Tadris Bahasa Inggris menerangkan bahwa mahasiswa dengan identitas berikut:

Nama	:	Dewi Rahmawati
NIM	:	190101030529
Program	:	S-1
Program Studi	:	Tadris Bahasa Inggris

Judul Skripsi:

An Analysis of Math Contents in The English Textbook “Student’s Book: My Next Word for Elementary School Grade 1” Based on The Merdeka Curriculum

Hasil Uji Plagiasi : 5 %

Berdasarkan hasil uji plagiasi dengan menggunakan www.turnitin.com bahwa naskah skripsi ini dinyatakan memenuhi syarat batas maksimal plagiasi 25%.

Demikian surat keterangan ini dibuat untuk dipergunakan sebagaimana mestinya.

Banjarmasin, 06 Juni 2024

Ketua Program Studi
Tadris Bahasa Inggris



APPROVAL

Title : An Analysis of Math Contents in the English Textbook
"Student's Book: My Next Word for Elementary School Grade
1" Based on the Merdeka Curriculum

Name : Dewi Rahmawati

SRN : 190101030529

Faculty : Tarbiyah and Teacher Training

Program : Undergraduate Study (S-1)

Department : English Education Department

Academic Year : 2023/2024

Place/Date of Birth : Pegatan, February 19th, 2001

Address : Jl. Merdeka Pegatan Hilir, Central Kalimantan

After being checked and revised, the thesis has been approved to be examined in front of the board of Examiners of Faculty of Tarbiyah and Teacher Training UIN Antasari Banjarmasin.

Banjarmasin, March 19th, 2024

Advisor
Content and Research Method

Prof. Dr. Saifudin Ahmad Husin, MA
NIP. 196305301990021001

Advisor
Language and Writing Techniques

Yokke Andini, SS, M.Pd
NIP. 198105062023212022

Acknowledged by
Head of English Education Department
Faculty of Tarbiyah and Teacher Training
UIN Antasari Banjarmasin,



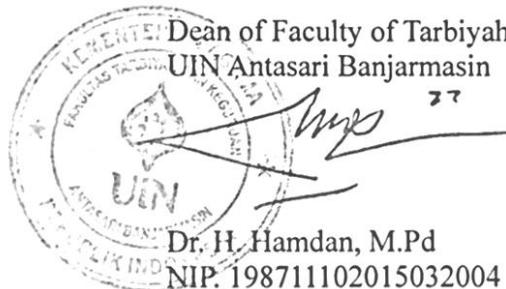
Afiah Linda Sari, M.Pd
NIP. 198711102015032004

VALIDATION

Title: An Analysis of Math Contents in the English Textbook “Student’s Book: My Next Word for Elementary School Grade 1” Based on the Merdeka Curriculum

Name Dewi Rahmawati, SRN 190101030529, has been examined by the board of thesis examiners of Faculty of Tarbiyah and Teacher Training UIN Antasari Banjarmasin.

Day : Monday
Date : July 1st, 2024
Score : 85,7 (A)



THE BOARD OF EXAMINERS:

No.	Name	Signature
1.	Dr. Hj. Nida Mufidah, M.Pd (Chairperson)	
2.	Dra. Andi Irlina, M.Hum (Member)	
3.	Yokke Andini, S.S, M.Pd (Member)	

ABSTRACT

Dewi Rahmawati. 190101030529. *An Analysis of Math Contents in the English Textbook “Student’s Book: My Next Word for Elementary School Grade 1” Based on the Merdeka Curriculum.* Prof. Dr. Saifudin Ahmad Husin, MA and Yokke Andini, SS, M.Pd. Thesis. English Education Department, Faculty Tarbiyah and Teacher Training, Antasari State Islamic University. 2024

Keywords: English Textbook, Math Content, Merdeka Curriculum

Textbook is one type of learning or supporting media. Naturally, the English textbook used must follow the Merdeka curriculum. However, English is a very challenging class for students just undergoing an adjustment or transition period. English lessons can include math content including numbers and spaces. Even just studying math can be challenging, especially for students who also have to learn English.

This research aims to find the math content in English textbooks, following the suitability of the material with mathematics learning achievements based on classes based on the Merdeka curriculum. The English elements contained in the textbook. The research method used is a qualitative approach that focuses on document analysis. The object of this research is the English textbook “Student’s Book: My Next Word for Elementary School Grade 1” as the main data source. Data collection techniques examine four processes based on Cohen's theory: generating, classifying and categorizing, structuring narrative, and interpreting data.

This research shows that the English textbook's math content includes an introduction to numbers, measurements, basic shapes and space, and quantities of objects based on learning achievements, in both mathematics and English in first grade. The English language elements used to teach math content namely listening, speaking, viewing, writing, and presenting follow the achievements in the Merdeka curriculum so that the textbook is quite relevant in terms of material.

ABSTRAK

Dewi Rahmawati. 190101030529. *Analisis Konten Matematika dalam Buku Teks Bahasa Inggris “Buku Siswa: My Next Word untuk Sekolah Dasar Kelas 1” Berdasarkan Kurikulum Merdeka.* Prof. Dr. Saifudin Ahmad Husin, MA dan Yokke Andini, SS, M.Pd. Skripsi. Jurusan Tadris Bahasa Inggris, Fakultas Tarbiyah dan Keguruan, UIN Antasari Banjarmasin. 2024

Kata kunci: Buku Teks Bahasa Inggris, Konten Matematika, Kurikulum Merdeka

Buku teks adalah salah satu jenis media pembelajaran atau pendukung. Wajar saja, buku teks bahasa Inggris yang dimanfaatkan harus mengikuti kurikulum Merdeka. Tetapi bahasa Inggris adalah kelas yang sangat menantang bagi siswa yang baru saja melalui masa penyesuaian atau transisi. Pelajaran bahasa Inggris dapat mencakup konten matematika seperti angka dan bangun ruang. Bahkan hanya belajar matematika bisa menjadi tantangan, terutama bagi siswa yang juga harus belajar bahasa Inggris.

Tujuan penelitian ini adalah untuk menemukan dan mengetahui konten matematika yang terdapat pada buku teks bahasa Inggris, sudah sesuai kesesuaian materi dengan capaian pembelajaran matematika berdasarkan kelas berdasarkan kurikulum merdeka. Elemen-elemen bahasa Inggris yang terdapat pada buku teks tersebut. Metode penelitian yang digunakan adalah pendekatan kualitatif yang berfokus pada analisis dokumen. Objek penelitian ini adalah buku teks bahasa Inggris “Student’s Book: My Next Word for Elementary School Grade 1” sebagai sumber data utama. Tehnik pengumpulan data melalui empat proses berdasarkan teori Cohen yaitu generating, classifying and categorizing, structuring narrative and interpreting data.

Berdasarkan penelitian tersebut menunjukkan bahwa konten matematika yang terdapat pada buku teks bahasa Inggris meliputi pengenalan pada angka-angka, pengukuran, bentuk dasar ruang serta kuantitas benda berdasarkan capaian pembelajaran baik matematika maupun bahasa Inggris pada kelas satu. Elemen bahasa Inggris yang digunakan untuk mengajarkan konten matematika seperti listening, speaking, viewing, writing and presenting sesuai dengan capaian pada kurikulum Merdeka sehingga buku teks tersebut cukup relevan dari segi materi.

ACKNOWLEDGEMENT

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ رَبِّ الْعَالَمِينَ الصَّلَاةُ وَالسَّلَامُ عَلَى أَشْرَفِ الْأَنْبِيَاءِ وَالْمُرْسَلِينَ سَيِّدِنَا وَمَوْلَانَا مُحَمَّدٌ وَعَلَى
الْإِلَهِ وَصَاحِبِهِ أَجْمَعِينَ. أَمَّا بَعْدُ

Praise Allah the Almighty who has guided me until the writer finished this thesis entitled “An Analysis of Math Contents in the English Textbook “Student’s Book: My Next Word for Elementary School Grade 1” Based on the Merdeka Curriculum”. Peace and salutation will always be upon Prophet Muhammad P.B.U.H and all his friends who struggle for Allah. The researcher likes to express appreciation and gratitude to:

1. Dr. H. Hamdan, M.Pd as the Dean of Faculty of Tarbiyah and Teacher Training of Antasari State Islamic University, and all his staff for participant help in Administrative and matters.
2. Afifah Linda Sari, S.S, M.Pd, as the Head of English Education Department for the assistance and motivation.
3. My academic advisor, Hj. Nani Hizriani, S.Pd, MA, for the guidance and encouragement.
4. My thesis advisor, Dr. Saifudin Ahmad Husin, MA, as the advisor of content and research methods for advice, help, suggestion, and correction.
5. My thesis advisor, Yokke Andini, SS, M.Pd, as the advisor of language and writing techniques advice, help, suggestion, and correction.

6. All lecturers and assistants in Faculty of Tarbiyah and Teacher Training for the priceless knowledge.
7. All parties who have helped me in terms of energy, thoughts, and input to complete this research.

Finally, the researcher hopes this research will be useful for the next researcher.

The researcher admits that this research paper is not perfect yet. Therefore, suggestions will be expected to make it better.

Banjarmasin, Dzulqa'dah 19th, 1445 AH
May 27th, 2024 AD

The Writer

TABLE OF CONTENTS

TITLE PAGE.....	i
STATEMENT OF AUTHENTICITY	ii
PLAGIARISM LETTER	iii
APPROVAL	iv
VALIDATION.....	v
ABSTRACT	vi
ABSTRAK	vii
ACKNOWLEDGEMENT.....	viii
TABLE OF CONTENTS	x
LIST OF TABLES.....	xiii
LIST OF FIGURES	xiv
LIST OF APPENDICES.....	xv
CHAPTER I.....	1
INTRODUCTION	1
A. Background of Research	1
B. Research Question.....	6
C. Objective of Research	6
D. Significance of Research.....	7
E. Definition of Key Terms	7
CHAPTER II	9
THEORETICAL REVIEW	9
A. The Concept of Merdeka Curriculum	9
1. The Nature of Curriculum	9

2. The Development of the Indonesian Education Curriculum.....	11
3. The Nature of Merdeka Curriculum.....	13
4. The Structure of Merdeka Curriculum	14
5. Changes contained in Merdeka Curriculum.....	16
B. The Concept of English Subject in Merdeka Curriculum	18
1. The Nature of the English Subject	18
2. English Subject in Merdeka Curriculum	18
C. The Concept of Mathematics Subject in Merdeka Curriculum.....	22
1. The Nature of Math Subject	22
2. Mathematical Literacy.....	27
D. The Concept of Textbook	33
E. Review of Previous Research.....	35
CHAPTER III	38
RESEARCH METHOD	38
A. Research Design.....	38
B. Data and Data Source.....	38
C. Techniques of Data Collection	39
a. Generating	39
b. Classifying and Categorizing	39
c. Structuring Narratives	40
d. Interpreting Data	40
D. Techniques of Data Analysis	40
a. Data Collection.....	40
b. Data Display	41
c. Conclusion Drawing and Verification	
CHAPTER IV.....	42
FINDINGS AND DISCUSSION	42

A. Findings.....	42
1. The Math Content Used in the English Textbook "Student's Book: My Next Word for Elementary School Grade 1"	42
2. English Skills Used in Mathematics Content in the English textbook "Student's Book: My Next Word for Elementary School Grade 1"54	
3. The Math Contents Used in the English Textbook "Student's Book: My Next Word for Elementary School Grade 1" Following the Learning Achievements of Mathematics Subjects in Grade 1 Based on the Merdeka Curriculum	61
B. Discussion	63
1. The Math Content Used in the English Textbook "Student's Book: My Next Word for Elementary School Grade 1".....63	
2. English Skills Used in Mathematics Content in the English textbook "Student's Book: My Next Word for Elementary School Grade 1".....66	
3. The Math Contents Used in the English Textbook "Student's Book: My Next Word for Elementary School Grade 1" Following the Learning Achievements of Mathematics Subjects in Grade 1 Based on the Merdeka Curriculum	67
CHAPTER V	69
CLOSURE	69
A. Conclusion	69
B. Suggestion.....	70
REFERENCES.....	71
APPENDICES	75
CURRICULUM VITAE	85

LIST OF TABLES

Table 2.1: The History of the Development of the Indonesian Education Curriculums	11
Table 2.2: Changes in the Structure of the Curriculum based on the Level.....	16
Table 2.3: Achievement of Each English Skill based on the Merdeka Curriculum	19
Table 2.4: Achievements for Each Phase for Primary School English Subjects based on Age and Grade in Merdeka Curriculum	20
Table 2.5: Achievement of Each Mathematics Element based on the Merdeka Curriculum.....	23
Table 2.6: Achievements for Each Phase of Primary School Mathematics Subject based on Grade in the Merdeka Curriculum.....	24
Table 4.1: The Results of the Mathematics Content Contained in English Textbooks are based on the Merdeka Curriculum	43
Table 4.2: English Elements Used in Mathematics Content based on the Merdeka Curriculum.....	54

LIST OF FIGURES

Figure 2.1: Pancasila Profile	16
Figure 2.2: The Components of the Mathematical Literacy	28
Figure 4.1: About Time (Measurement).....	45
Figure 4.2: Example of Numbers 1 to 10	46
Figure 4.3: Singular and Plural (Quantity).....	47
Figure 4.4: Coloring the Numbers	48
Figure 4.5: Examples of Shapes.....	49
Figure 4.6: Singular and Plural (Quantity).....	50
Figure 4.7: Singular and Plural (Quantity).....	51
Figure 4.8: Fill in the Number.....	52
Figure 4.9: Example of Plural (Quantity)	53
Figure 4.10: Math Content Used Listening Element	56
Figure 4.11: Math Content Used Reading Element	57
Figure 4.12: Math Content Used Viewing Element	58
Figure 4.13: Math Content Used Speaking Element.....	59
Figure 4.14: Math Content Used Writing Element	60
Figure 4.15: Math Content Used Presenting Element.....	61

LIST OF APPENDICES

Appendix 1: Translation of Quran Verse.....	75
Appendix 2: Checklist Instrument of Math Contents in the English Textbook	76
Appendix 3: Checklist Instrument of English Skill Used in Math Contents	77
Appendix 4: Certificate of Seminar Proposal	78
Appendix 5: Seminar Proposal Letter	79
Appendix 6: Title Change Letter.....	80
Appendix 7: Thesis Consultation Notes.....	82