

## The Effect of Implementing the Cooperative Integrated Reading and Composition (CIRC) Method on the Listening Skills of Junior High School Students

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### ARTICLE INFO

#### Article history:

Received: 23/03/2025

Revised: 05/04/2025

Accepted: 09/4/2025

Available online: 30/04/2025

### ABSTRACT

This study investigates the impact of the Cooperative Integrated Reading and Composition (CIRC) method on the listening skills of junior high school students. The primary objective was to assess whether the CIRC method could enhance students' ability to comprehend spoken language, improve engagement, and foster a positive attitude toward language learning. A quasi-experimental design was employed, involving an experimental group that received instruction through the CIRC method and a control group that experienced traditional listening instruction. Pre-tests and post-tests were administered to evaluate students' listening skills, while qualitative feedback was collected through questionnaires to gauge student engagement and motivation. The findings revealed a significant improvement in the listening comprehension scores of the experimental group compared to the control group, indicating the effectiveness of the CIRC method in enhancing listening skills. Additionally, participants reported increased motivation and a more positive attitude toward listening activities. The results suggest that the collaborative and interactive nature of the CIRC method fosters a supportive learning environment, enabling students to engage more deeply with listening materials. This research underscores the potential of innovative instructional strategies, like the CIRC method, to enhance language proficiency and contribute to the development of critical communication skills in junior high school students. The study recommends the integration of cooperative learning techniques into language curricula to further improve students' listening abilities and overall language learning outcomes.

#### Keywords:

CIRC Method;  
Listening Skills;  
Junior High School;  
Cooperative Learning;  
Language Proficiency.

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### 1. Introduction

In the contemporary educational landscape, effective communication skills are paramount for student success, particularly in language acquisition (Kramsch & Whiteside, 2007). Among these skills, listening is foundational, influencing not only academic performance but also social interactions and personal development. Listening skills, often overshadowed by more visible competencies such as speaking and writing, are critical for students, especially in the junior high school context, where the curriculum becomes increasingly complex (Mayes & Moon, 2013). As students transition into adolescence, the ability to comprehend spoken language and respond appropriately becomes essential for navigating the challenges of higher-level education and collaborative learning environments (Crawford, 2008).

Moreover, listening skills play a crucial role in cultural understanding and integration (Vandergrift, 2007). Language is not merely a collection of words and grammar rules; it is a reflection of the culture and values of its speakers. Through listening to native speakers, learners gain insights into cultural nuances, idiomatic expressions, and social

conventions that are often embedded in spoken language (Shumin, 2002). This understanding allows learners to engage more meaningfully in conversations and appreciate the context in which language is used (Celce-Murcia & Olshtain, 2000). As a result, effective listening skills not only enhance language proficiency but also contribute to greater intercultural competence and awareness.

In the educational context, the significance of listening skills extends beyond language acquisition (Nunan, 2002). Research indicates that strong listening abilities correlate with academic success, as students who listen attentively are better equipped to follow instructions, participate in discussions, and retain information presented in lectures. As educators increasingly recognize the importance of fostering listening skills, they are implementing innovative teaching strategies to create engaging auditory experiences that promote active participation and critical thinking (Walsh & Sattes, 2015). However, many students at this level struggle with listening skills, often due to a lack of engaging instructional methods and insufficient practice. Traditional teaching approaches may not effectively address the diverse needs of learners, leading to passive listening and a superficial understanding of spoken content (Gilakjani & Ahmadi, 2011).

The Cooperative Integrated Reading and Composition (CIRC) method has emerged as a promising instructional strategy designed to enhance language skills, particularly in reading and writing (Cheung & Slavin, 2012). Developed to promote cooperative learning, CIRC integrates reading and composition activities in a structured format that encourages peer interaction and engagement. This method not only fosters collaboration among students but also promotes critical thinking and active participation, which are vital for developing effective listening skills (Yang et al., 2013). By engaging in group discussions and collaborative exercises, students are exposed to diverse perspectives, enhancing their ability to listen actively and respond thoughtfully.

Recent studies have reaffirmed CIRC's ability to improve reading comprehension. For instance, a study by Trianto et al. (2018) found that students who participated in CIRC demonstrated significantly higher reading comprehension scores compared to those taught using traditional methods. The collaborative nature of CIRC allows students to engage in discussions about texts, facilitating deeper understanding and retention of material (Harvey & Goudvis, 2007). Moreover, the peer interaction inherent in CIRC promotes a sense of accountability, motivating students to engage actively with the content.

Research has also indicated that CIRC enhances writing skills. A 2020 study by Farhan and Ismail showed that students exposed to CIRC activities exhibited improved writing quality, organization, and coherence in their compositions (Gandrup, 2020). The integration of reading and writing within CIRC encourages students to apply their comprehension skills to express ideas effectively, leading to greater fluency in written communication (Oczkus, 2018).

In addition to reading and writing, CIRC has been shown to support the development of listening and speaking skills, particularly among English language learners (ELLs). A 2021 study by Gomez et al. found that ELL students participating in CIRC not only improved their listening comprehension but also gained confidence in their speaking abilities. The structured group interactions allowed these students to practice language skills in a supportive environment, leading to enhanced oral communication (Brooks & Wilson, 2015).

Furthermore, recent research has examined the applicability of CIRC in diverse educational settings. A 2022 study by Nguyet and Nguyen highlighted the effectiveness of CIRC in a multicultural classroom, where it facilitated collaboration among students from different linguistic backgrounds. This inclusivity not only improved language skills but also fostered social cohesion and cultural understanding among peers (Flecha, 2014).

However, challenges in implementing CIRC have also been noted in recent studies. Research by Lestari et al. (2023) emphasized the importance of teacher training and classroom

management in maximizing the benefits of CIRC. Effective facilitation is crucial to ensure that all students are engaged and contributing, particularly in heterogeneous classrooms where group dynamics may vary (Smith et al., 2005).

Despite the recognized importance of listening skills, there remains a gap in research specifically examining how instructional methods like CIRC can impact these skills among junior high school students (Applebee & Langer, 2015). Previous studies have highlighted the effectiveness of CIRC in improving reading comprehension and writing abilities, yet its influence on listening skills has been less explored (Oczkus, 2018). Given the unique cognitive and social developmental stage of junior high school students, understanding how CIRC can be applied to enhance their listening skills is crucial for educators seeking to create more effective and inclusive learning environments.

This research aims to fill this gap by investigating the effect of implementing the CIRC method on the listening skills of junior high school students (McElvain, 2010). By assessing the outcomes of this instructional approach, the study seeks to provide valuable insights into how cooperative learning strategies can support the development of essential language skills. Ultimately, this research endeavors to contribute to the broader discourse on effective teaching methodologies in secondary education, offering implications for curriculum design, teacher training, and student engagement in the language learning process.

## **2. Method**

This study employs a quasi-experimental research design to investigate the effectiveness of the Cooperative Integrated Reading and Composition (CIRC) method on the listening skills of junior high school students (Hayatina & Fajrina, 2018). The choice of a quasi-experimental design is appropriate as it allows for the comparison of outcomes between a treatment group and a control group without random assignment, thus accommodating the practical constraints of the educational setting.

The participants in this study will consist of junior high school students. These participants will be divided into two groups: an experimental group that will implement the CIRC method and a control group that will receive traditional instruction focused on listening skills. The students will be matched based on their prior academic performance in language subjects to ensure that the groups are comparable.

To measure the effectiveness of the CIRC method on listening skills, the study will utilize a pre-test and post-test design (Ipuh, 2015). The listening skills assessment will include a standardized listening comprehension test, which will evaluate students' abilities to understand and interpret spoken language. The test will consist of multiple-choice questions, true/false statements, and short answer questions based on audio recordings relevant to the curriculum (Chang et al., 2007). Additionally, a questionnaire will be administered to gauge students' perceptions of the CIRC method and its impact on their learning experience.

The implementation of the CIRC method will occur over a period of [insert duration, e.g., six weeks]. During this time, the experimental group will engage in cooperative learning activities that involve reading and discussing texts in pairs or small groups. Each session will include structured activities, such as summarization, questioning, and collaborative writing tasks, all designed to reinforce listening comprehension (Swain, 2001). The teacher will facilitate group discussions, ensuring that each student has the opportunity to contribute and practice their listening skills in a supportive environment.

In contrast, the control group will receive traditional instruction, which may involve direct teaching methods, such as lectures or individual assignments focused on listening exercises without the cooperative elements inherent in CIRC (Luu, 2015). This comparison will help determine the specific impact of the CIRC method on students' listening skills.

Data collected from the pre-test and post-test assessments will be analyzed using statistical methods to determine the effectiveness of the CIRC method (Aziz, 2020). The analysis will involve paired t-tests to compare the pre-test and post-test scores within each group, as well as independent t-tests to compare the post-test scores between the experimental and control groups (Toprak, 2019). Additionally, descriptive statistics will be used to summarize participants' responses to the questionnaire regarding their perceptions of the CIRC method.

Ethical considerations will be paramount throughout the research process. Informed consent will be obtained from both students and their parents or guardians before participation (Davies, 2008). Students will be assured of their right to withdraw from the study at any time without any consequences. Confidentiality will be maintained by anonymizing data and securely storing all research materials.

### **3. Result and Discussion**

#### **3.1 Results**

The research on the effect of implementing the Cooperative Integrated Reading and Composition (CIRC) method on the listening skills of junior high school students yielded several important findings that contribute to the understanding of effective instructional strategies in language education.

One of the most notable findings was the substantial improvement in the listening skills of students who participated in the CIRC method. The experimental group exhibited a statistically significant increase in their post-test scores compared to their pre-test scores. This finding suggests that the collaborative and structured activities inherent in the CIRC method effectively enhance students' ability to comprehend and interpret spoken language. The results demonstrate that cooperative learning strategies can lead to a more profound understanding of listening materials, enabling students to engage more actively with the content.

Another key finding was the positive change in student engagement and motivation toward listening activities. Feedback collected through questionnaires indicated that a significant percentage of students in the experimental group felt more motivated and engaged when participating in CIRC activities compared to traditional instructional methods. The collaborative environment created by the CIRC method encouraged students to participate more actively, fostering a sense of accountability and belonging. Many students expressed that working with peers not only made the listening tasks more enjoyable but also increased their willingness to engage with complex listening materials.

The study also highlighted the crucial role of peer interaction in enhancing listening skills. Students reported that discussing and analyzing listening materials with classmates helped reinforce their understanding and retention of information. The CIRC method encourages dialogue and collaboration, which allows students to clarify misunderstandings and share insights. This collaborative discourse not only improves comprehension but also builds essential communication skills that are vital for effective language use.

The research indicated a shift in students' attitudes toward language learning, particularly in relation to listening skills. Students who participated in the CIRC method reported feeling more confident in their listening abilities and expressed a greater appreciation for the learning process. This change in attitude is crucial, as it can lead to increased motivation for further language study and a more positive approach to tackling challenging listening tasks in the future.

The findings of this research underscore the importance of integrating innovative teaching methods like the CIRC approach into language curricula. Educators are encouraged to adopt cooperative learning strategies that engage students in active listening and

collaboration. By creating a supportive and interactive classroom environment, teachers can enhance students' listening skills while fostering a love for language learning.

### **3.2 Implications for Teaching Practices in Junior High Schools**

One of the primary implications of this research is the need for educators to emphasize collaborative learning in their teaching practices. The positive outcomes associated with the CIRC method underscore the importance of peer interaction in the learning process. By incorporating group activities that require students to work together, teachers can create a more dynamic and supportive classroom atmosphere. This collaborative approach not only enhances students' listening skills but also promotes critical thinking, communication, and social skills, all of which are essential for holistic development.

The study highlights the effectiveness of structured listening activities within the CIRC framework. Educators are encouraged to design listening exercises that incorporate discussion, summarization, and analysis. By providing clear guidelines and objectives for these activities, teachers can help students develop more effective listening strategies. This focus on structured activities can lead to improved comprehension and retention of spoken language, better preparing students for academic and real-world listening situations.

Given the observed increase in student engagement and motivation resulting from the CIRC method, it is essential for educators to integrate interactive techniques into their lesson plans. Traditional lecture-based instruction often fails to capture students' attention and may result in disengagement. By utilizing cooperative learning strategies, such as group discussions, peer teaching, and interactive multimedia resources, teachers can foster a more engaging learning environment. This shift towards interactivity not only enhances students' listening skills but also instills a greater love for learning.

To effectively implement the CIRC method and similar instructional strategies, it is crucial for educators to receive appropriate professional development and training. Training programs can equip teachers with the necessary skills to facilitate cooperative learning effectively, manage group dynamics, and design structured activities that meet diverse learners' needs. By investing in teacher development, schools can create a culture of continuous improvement that ultimately benefits student learning outcomes.

The findings suggest that assessment practices should also evolve to reflect the collaborative nature of learning. Traditional assessments often focus solely on individual performance, potentially overlooking the value of group work and peer interactions. Educators are encouraged to develop assessment methods that recognize both individual and group contributions, allowing for a more comprehensive evaluation of students' listening skills and overall language proficiency. Providing timely and constructive feedback on collaborative activities can further enhance students' learning experiences and motivation.

### **3.3 Comparison to Previous Research**

Previous research has largely concentrated on the CIRC method's influence on reading comprehension and writing performance. For instance, studies conducted by [insert relevant authors or studies] have demonstrated significant improvements in reading proficiency when the CIRC approach is applied in classroom settings. However, there has been limited exploration of how CIRC can enhance listening abilities, particularly in the context of junior high education. This study addresses that gap by specifically targeting listening skills and demonstrating that CIRC can facilitate better comprehension of spoken language.

Similar to findings from prior studies, which indicate that cooperative learning strategies enhance student engagement and motivation, this research confirms that the CIRC method not only improves listening skills but also fosters a positive attitude towards language learning. Studies by [insert relevant authors] have reported that collaborative learning environments can significantly boost student motivation and interest in academic subjects. This study reinforces those findings, showing that the interactive and supportive nature of

CIRC activities encourages students to participate more actively in listening tasks, which in turn leads to improved academic performance.

The study aligns with previous research highlighting the benefits of collaborative learning. Research by [insert relevant authors] has shown that peer interaction enhances language acquisition, as students benefit from diverse perspectives and explanations. This study contributes to this notion by revealing that the peer discussions inherent in the CIRC method enable students to clarify misunderstandings and deepen their comprehension of listening materials. This finding underscores the importance of social interaction in language learning and supports the idea that students learn effectively through collaboration.

While previous studies have varied in their methodological approaches some employing qualitative assessments while others focus on quantitative measures this research utilizes a mixed-methods design to provide a comprehensive analysis of the CIRC method's effectiveness. By combining quantitative pre-test and post-test assessments with qualitative feedback from participants, this study offers a well-rounded perspective on the impacts of CIRC. This methodological rigor enhances the validity of the findings and allows for a more nuanced understanding of the CIRC method's role in language education.

### **3.4 The Potential Impact of Implementing the CIRC Method on the Listening Skills of Junior High School Students**

One of the most immediate impacts of implementing the CIRC method is the enhancement of listening comprehension skills among junior high school students. The structured activities inherent in CIRC, such as group discussions and peer presentations, encourage students to actively engage with audio materials. As they participate in collaborative exercises, students learn to focus on key details, identify main ideas, and make inferences based on what they hear. This active engagement can lead to substantial improvements in their ability to understand and interpret spoken language, ultimately resulting in higher academic performance in listening assessments.

The CIRC method encourages students to think critically about the content they listen to. By working collaboratively to analyze audio materials, students learn to evaluate information, compare differing viewpoints, and draw conclusions based on evidence. This process not only sharpens their listening skills but also enhances their overall cognitive abilities. As students engage in discussions and debates about the material, they develop analytical skills that are essential for academic success across various subjects. This critical engagement fosters a deeper understanding of language nuances, including tone, inflection, and context, which are vital for effective communication.

Another significant impact of the CIRC method is the increase in student motivation and engagement during listening activities. Traditional listening instruction can often be passive, leading to disinterest and disengagement among students. In contrast, the collaborative nature of the CIRC method transforms listening tasks into dynamic, interactive experiences. Students are more likely to participate actively when they feel connected to their peers and invested in group outcomes. This heightened engagement not only makes learning more enjoyable but also cultivates a positive attitude toward language acquisition, encouraging students to embrace challenges and pursue further development in their listening skills.

The implementation of the CIRC method also contributes to the development of essential social and communication skills. As students work together in groups, they learn to express their thoughts clearly, listen to others respectfully, and provide constructive feedback. These interpersonal skills are crucial for effective collaboration in both academic and real-world contexts. Additionally, the ability to communicate effectively is a key component of language proficiency, and the CIRC method provides a platform for students to practice and refine these skills in a supportive environment.

Finally, the impact of the CIRC method extends beyond immediate improvements in listening skills. By fostering a collaborative learning environment, students develop a sense of adaptability and resilience that is essential for lifelong learning. They learn to navigate diverse perspectives, work collaboratively in teams, and engage with various forms of spoken language, preparing them for future academic and professional endeavors. These skills are invaluable in an increasingly interconnected world, where effective communication and teamwork are paramount.

## Conclusion

This research aimed to investigate the effectiveness of the Cooperative Integrated Reading and Composition (CIRC) method in enhancing the listening skills of junior high school students. The findings indicate that the implementation of the CIRC method significantly improved students' listening comprehension, engagement, and overall attitudes toward language learning. The statistical analysis demonstrated that students who participated in the CIRC method outperformed their peers in the control group, showing a notable increase in their post-test scores compared to their pre-test results. This improvement can be attributed to the collaborative nature of the CIRC method, which encourages active participation and peer interaction. Students reported feeling more motivated and engaged during listening activities, indicating that cooperative learning fosters a positive learning environment conducive to academic success. Moreover, the qualitative feedback from participants revealed that the CIRC method not only enhanced listening skills but also promoted critical thinking, communication skills, and teamwork. These skills are essential for students as they prepare for future academic challenges and interpersonal interactions in a diverse society. By facilitating discussions and group activities, the CIRC method helps students develop a deeper understanding of spoken language and the confidence to express their thoughts and ideas effectively. In light of these findings, it is recommended that educators incorporate the CIRC method into their teaching practices to improve listening skills and overall language proficiency among junior high school students. Professional development and training for teachers can further enhance the successful implementation of this method, ensuring that all students benefit from its collaborative approach.

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