

Fostering Critical Thinking Skills in the EFL College-Level Classroom Through Online Collaborative Document Tools

JIANG Fangzhou

Leshan Normal University, Leshan, China

This paper explores the potential of applying online collaborative documents to foster critical thinking skills in EFL college-level classrooms. Considering the limitations of traditional teacher-centered approaches and the need for innovative methods, the study examines the integration of online collaborative tools, using Tencent Docs as an example. The discussion highlights the importance of critical thinking in the academic and professional spheres and introduces the concept of online collaborative documents for enhancing this cognitive skill. Through a detailed exploration, the paper presents a model of employing collaborative documents within a college English class, demonstrating how students collaboratively learning an article. Then, the paper discusses the pros and cons of employing this technology in classroom. The conclusion emphasizes the transformative potential of integrating technology into pedagogy and its role in creating a dynamic learning environment. The paper underscores the importance of striking a balance between technology and traditional methods, foreseeing avenues for further research and development.

Keywords: critical thinking skills, online collaborative document tools, EFL at college level

Introduction

Critical thinking is widely acknowledged in contemporary society as a pivotal cognitive skill that not only aids individuals in comprehending intricate issues more profoundly but also fosters capacities for analysis, evaluation, and innovation. In the rapidly evolving information era, nurturing a comprehensive proficiency in critical thinking among students has become more crucial than ever before. Particularly within learning environments, such as college English classrooms, the cultivation of critical thinking abilities is pivotal not only for academic proficiency, but also for enabling students to gain a competitive edge in our increasingly complex and globalized society.

However, traditional teacher-centered English classrooms exhibit certain evident limitations in terms of fostering critical thinking. In this model, educators often act as the role of information transmitters, while students passively receive knowledge. This unidirectional approach to knowledge delivering frequently fails to stimulate active thought processes and in-depth exploration among students. While students passively absorb information, they struggle to develop skills associated with critical thinking, and fail to genuinely comprehend the practical applications and underlying logic of the knowledge presented. Thus, innovative teaching methods must be explored to enable students to actively engage, think more deeply, and independently construct their knowledge structures in the classroom.

This paper will specifically focus on an innovative pedagogical approach—the integration of modern technology within a student-centered classroom environment—to foster critical thinking in college English classrooms. More precisely, it will delve into how the utilization of online collaborative document tool can guide students in active participation during the teaching process. Through this method, a more interactive and collaborative learning platform can be offered, aiding students in better comprehending and applying the acquired knowledge, thereby establishing a robust foundation for future academic and professional growth.

In the subsequent sections, the advantages of online collaborative documents tool, their classroom applications, and potential challenges will be thoroughly explored, with the aim of providing valuable insights for the enhancement of EFL college-level education.

Importance of Critical Thinking and Its Teaching Approaches

This section of the paper will delve into the definition of critical thinking, its significance, and effective pedagogical methods for teaching critical thinking in the classroom.

Definition and Significance of Critical Thinking

Critical thinking is a mode of thinking—about any subject, content, or problem—in which the thinker improves the quality of his thinking by skillfully taking charge of the structures inherent in thinking and imposing intellectual standards upon them (Foundation for Critical Thinking, n.d.). Having critical thinking skills is important because they are universally valuable, playing a crucial role in our economy, improving language and presentation abilities, fostering creativity, promoting self-reflection, and serving as the foundation for science and democracy (University of the People, 2023). It transcends mere acquisition of knowledge, focusing more on nurturing the depth of their thinking and independent insights. In college-level English classrooms, the cultivation of critical thinking is paramount. Not only does it aid students in better comprehending language and culture, but it also enhances their logical reasoning and innovative capabilities, therefore laying a solid foundation for future academic research and career development.

Effective Teaching Methods for Critical Thinking

Questioning and discussion. Educators can guide students to dive into the details and themes within texts and the comparisons and connections between different viewpoints by asking open-ended questions. In-class discussions can stimulate active participation, enabling students to share their perspectives and get new insights from others' viewpoints.

Critical reading. Instructors can guide students on how to engage in critical reading, allowing them to identify the reasonableness of arguments, reliability of evidence, and coherence of logic. This aids in fostering students' discernment abilities concerning information, prompting them to approach knowledge more rationally and critically.

Problem-solving and innovation. Teachers can present real-world problems or scenarios, requiring students to propose solutions; encourage them to think from diverse perspectives and apply course knowledge they've learned for innovative thinking. This approach nurtures students' abilities to solve problems and think creatively.

Writing and speaking. Instructors can challenge students to express their viewpoints in written or oral forms and justify their stances. Cultivating writing and speaking skills assists students in organizing their thoughts more coherently, expressing opinions more precisely, and presenting arguments logically.

Using Online Collaborative Documents in University English Classrooms

In this part, we delve into the characteristics of online collaborative documents and explore a five-step approach to designing effective classroom activities that foster deep understanding and critical thinking skills, enhancing the learning experience for students in EFL college-level settings.

Characteristics of Online Collaborative Documents

Online collaborative documents are a powerful tool that enables real-time collaboration among multiple individuals, facilitating information sharing and communication. It allows multiple students to simultaneously edit the same document, regardless of their locations. This real-time collaboration feature provides students with a collaborative platform, enabling them to engage in real-time discussions, editing, and feedback on the same document, greatly enhancing classroom interactivity and cooperation.

Classroom Activity Design

In order to foster deeper understanding and critical thinking skills, the following five teaching steps have been designed for an EFL college-level classroom activity. These steps aim to engage students in active reading, collaborative discussions, and analytical thinking. By carefully implementing each step, educators can create a dynamic learning environment that promotes thoughtful engagement with texts.

1. **Selecting appropriate materials:** The teacher chooses texts that resonate with students' interests and proficiency levels, fostering deep thinking and discussion during the reading process. However, before diving into discussions, it's crucial that students are well-prepared. They should familiarize themselves with new vocabulary and have a general understanding of the content and structure of the article before engaging in classroom discussions.

2. **Creating shared document:** The teacher creates a shared document on an online collaborative platform, such as Tencent Docs, ensuring that all students can access and edit this document.

3. **Setting questions:** Within the shared document, the teacher presents questions that require students to answer while reading. Students discuss these questions in groups, ensuring active participation from each student. Divided into categories of basic and critical thinking questions, these questions will encompass paraphrasing, summarizing, and delving into the core arguments and evidence presented in the text. To find answers to these questions, students will identify the article's main argument and supporting evidence, explain how the evidence backs the argument, and find elements, such as the author's problem, question, assumption, etc. Analyzing and evaluating the author's argument under standards like clarity and accuracy are also part of their task.

4. **Questioning and discussion:** The teacher guides students to pose their own inquiries, encouraging them to boldly challenge the article's arguments, viewpoints, or examples. Students reply, comment, and discuss with each other within the shared document. They can share their own perspectives, respond to others' viewpoints, and engage in in-depth discussions.

5. **Directing summarization and conclusion:** Towards the end of the shared document, the teacher encourages students to synthesize their findings and discussions, present their own conclusions, and express their overall perspectives on the text. Teachers can participate in the shared document discussions, offering guidance, feedback, and further questions to promote deeper thinking and discussion.

Through these steps, students can actively engage in critical thinking and discussions during collaborative reading with online collaborative documents. By collaborating, learners present critical thinking, and evaluate and analyse the ideas for decision-making and to produce solutions (Zhu, 2012).

Advantages and Limitations of Online Collaborative Documents in Teaching Critical Thinking in EFL College-Level Classrooms

The integration of online collaborative documents into educational settings has brought forth a range of advantages and limitations. In this exploration, we delve into the multifaceted aspects of these tools.

Advantages

1. Real-time collaboration: Compared with the one-to-many traditional teaching method, the use of online collaborative documents facilitates real-time interaction among students, enabling them to jointly engage in discussions, edits, and revisions. This instant collaboration promotes active critical thinking and analysis as students react to each other's ideas promptly.

2. Enhanced engagement: The interactive nature of collaborative documents captures students' attention and involvement. This heightened engagement motivates them to think more deeply about the subject matter, fostering critical thinking skills.

3. Diverse perspectives: Collaboration among students from varied backgrounds and viewpoints enriches discussions. Exposure to diverse perspectives encourages critical evaluation of alternative ideas, broadening students' analytical skills.

4. Efficient organization: Collaborative documents provide an organized platform to gather, structure, and synthesize ideas. Students can visualize the evolution of their thought processes, enhancing their ability to critically assess the logical progression of their arguments.

Limitations

1. Time management: Real-time collaboration may lead students to focus excessively on immediate discussions, neglecting the time required for deep reflection and independent research. Time management, therefore, could become a challenge.

2. Uneven participation: Unequal contribution levels within a group can result in some students relying more on their peers' efforts. This uneven participation can hinder the cultivation of individual critical thinking skills.

3. Dependency: Over-reliance on online collaboration tools may result in diminishing students' abilities to think independently and solve problems, as they might become accustomed to seeking answers within the team rather than thinking on their own.

4. Assessment challenges: Online collaboration might make it difficult for teachers to accurately assess individual contributions and students' actual thinking and level of engagement within the document.

In summary, online collaborative documents offer a powerful platform to cultivate critical thinking in EFL college-level classrooms. However, some possible challenges should also be acknowledged and addressed to optimize the efficacy of this teaching approach.

Conclusion

In conclusion, the potential of online collaborative documents to nurture critical thinking skills within EFL college-level classrooms is both promising and transformative. The central focus of this paper has been on illustrating how the seamless incorporation of online collaborative tools aligns with the student-centered approach, fostering a dynamic environment conducive to cultivating critical thinking skill. By applying this approach in the classroom, educators can offer students a platform that not only encourages active participation but also stimulates intellectual curiosity. The real-time collaboration, immediate feedback loops, and exposure to diverse

perspectives fuel the development of critical thinking skills. They also encourage students to assess, analyze, and synthesize information more effectively. As a result, students become equipped not only to excel academically but also to navigate the complex challenges of the modern world.

Looking forward, this pedagogical approach presents ample opportunities for further exploration and research. Investigating the long-term impact of integrating online collaborative documents on students' critical thinking abilities and their academic achievements could provide valuable insights.

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