

Digital Literacy and Learning Through TikTok: Opportunities and Challenges in Junior High School Education

Atu Rubaeatul Adawiyah^{1,*}, Annisa Nurul Inaya², Arifal Herman Saputra³

^{1,2,3}Department of Education Management, University Pamulang, Pamulang, South Tangerang, Indonesia.
atu2403@gmail.com¹, annisakosmalar@gmail.com², arifalherman0@gmail.com³

Abstract: This study examines the effective use of TikTok media by SMP Muhammadiyah 29 Sawangan Depok and its impact on students' learning and social behaviour. Since digital media platforms, such as TikTok, are popular among teenagers, it's essential to investigate how they can be utilised in education. The study examined how SMP Muhammadiyah 29 Sawangan Depok students utilise TikTok and how they might use it to improve their learning and development. Students and teachers were surveyed and interviewed for the qualitative investigation. The findings show that while TikTok is primarily used for entertainment, students have developed inventive methods to utilise it for educational purposes. Some kids share science experiments, language learning suggestions, and historical facts on TikTok, which interests them and fosters peer-to-peer learning. SMP Muhammadiyah 29 Sawangan Depok teachers stress the necessity of responsible TikTok use. They say TikTok can help pupils develop creativity, digital literacy, and communication skills when used appropriately. Potential drawbacks include diversions and improper information. The study suggests creating clear boundaries for TikTok use, promoting digital citizenship, and encouraging children to create positive content. In conclusion, when used wisely in an organised learning environment, TikTok can enhance both academic and personal growth.

Keywords: Digital Media Platforms; Science Experiments; Educational Media; Digital Literacy; Learning Environment; Responsible Media Use; Digital Citizenship; Personal Growth; Communication Skills.

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1. Introduction

The development of digital technology has brought significant changes to various aspects of life, including education. One platform that has garnered considerable attention is TikTok, a short video-sharing application that is particularly popular among teenagers. TikTok is not only a medium for entertainment but also holds potential as an innovative learning tool. However, low digital literacy often prevents students from utilising this platform productively. This phenomenon underscores the importance of educational efforts in guiding students to use social media wisely. Young people, especially middle school students, are at a critical stage of identity formation. A lack of digital literacy makes them more likely to consume content passively without

*Corresponding author.

verifying its accuracy, which can negatively impact their mindset and behaviour. Research by Mardiana et al. [5] shows that low digital literacy contributes to the spread of harmful misinformation. Therefore, programs aimed at educating students on how to filter information are crucial in the context of social media. TikTok offers various features that can support learning, such as its engaging and interactive short video format. According to Hu et al. [11], the use of social media in education can enhance student motivation and strengthen their engagement in learning. A community service program (PKM) with the theme “Using TikTok Wisely as a Learning Medium” aims to bridge the gap in guidance for students on utilising the potential of this application as an educational tool that supports the school curriculum. Several studies have highlighted the success of social media approaches in education. Putri [9] found that students are more motivated to learn when social media is integrated into their education. Similar efforts have been made in digital literacy programs by the Indonesian government, which provide training on responsible use of digital media.

Additionally, platforms such as Portal Rumah Belajar and Merdeka Mengajar have provided technology-based educational content to help teachers and students adapt to digital learning. Besides supporting learning, TikTok can also be used to preserve and promote local culture. Rahman [2] emphasises the importance of integrating local cultural values into educational content on social media to address the challenges of globalisation. By utilising TikTok, students can create educational content that introduces Indonesia's cultural richness to a broader audience, making the platform a valuable tool for both cultural empowerment and education. This PKM activity offers a holistic approach through the development of TikTok-based learning modules, digital literacy training, and the creation of educational content. With proper guidance, students not only learn to use TikTok wisely but also understand how to leverage digital technology to support learning and enhance creativity. This program is expected to provide direct benefits to students and contribute to shaping a smart, responsible, and digitally adept young generation capable of facing the challenges of the digital era [1].

The rapid advancement of digital technology has significantly transformed various aspects of human life, particularly in the realm of education [3]. In today's digital era, technology is not merely a tool for communication and entertainment but has also evolved into a medium for innovative teaching and learning processes. Among the many social media platforms, TikTok stands out as one of the most popular applications, especially among teenagers [4]. With its short video format, TikTok has captured the interest of young people worldwide, offering a unique combination of entertainment and creativity. This widespread popularity presents a significant opportunity for educators to incorporate TikTok into learning activities, provided it is used wisely and responsibly [7]. At SMP Muhammadiyah 29 Sawangan Depok, the use of TikTok as a learning medium has become an intriguing topic of discussion. The school is situated in an area where students are increasingly exposed to social media, including TikTok. Most students are active users, spending considerable time consuming and creating content on this platform [8]. However, without proper guidance, this engagement with TikTok often leans more toward passive entertainment consumption rather than productive or educational use. Research has shown that social media platforms, such as TikTok, have both positive and negative impacts on young users. On the one hand, they provide a platform for creativity, self-expression, and even knowledge sharing [10].

On the other hand, excessive or inappropriate use can lead to issues such as reduced academic focus, exposure to harmful content, and the spread of misinformation. For students at SMP Muhammadiyah 29 Sawangan Depok, addressing these challenges is crucial to ensure that TikTok becomes a tool for empowerment rather than a source of distraction. This study examines how TikTok can be utilised effectively as a learning medium for students. It seeks to align the platform's creative potential with educational objectives, fostering a more engaging and interactive learning environment. By integrating TikTok into the classroom, teachers can tap into students' existing familiarity with the platform, transforming it into a tool for enhancing their learning experience. The digital revolution has had a profound impact on education, shaping the way knowledge is delivered and received. Traditional teaching methods are increasingly complemented or replaced by technology-based approaches that cater to the needs and preferences of digital-native students. Platforms such as TikTok, with their intuitive interfaces and interactive features, offer new avenues for educators to engage students more effectively. However, integrating social media into education requires careful planning and implementation. TikTok, a platform renowned for its fast-paced and visually appealing content, should be utilised with a clear purpose in mind.

Teachers need to design activities that not only leverage the platform's creative features but also promote critical thinking, collaboration, and digital literacy. This is particularly important in a middle school context, where students are at a formative stage of cognitive and social development. TikTok's potential as an educational tool lies in its ability to make learning more interactive and relatable. The platform's short video format encourages students to summarise concepts, use multimedia elements creatively, and present ideas in an engaging manner. These skills align with 21st-century competencies, including communication, collaboration, creativity, and critical thinking. For example, students can use TikTok to create educational content, such as explaining scientific concepts, reenacting historical events, or demonstrating problem-solving strategies in mathematics. The platform's editing tools enable users to add music, captions, and visual effects, thereby enhancing the appeal and clarity of their presentations. Such activities not only reinforce subject matter knowledge but also build students' confidence and digital skills. Moreover, TikTok can serve as a platform for collaborative projects, where students work in groups to create

videos on specific topics. This fosters teamwork and allows them to learn from one another. The interactive nature of the platform also enables teachers to provide real-time feedback, guiding students toward continuous improvement.

Despite its potential benefits, using TikTok in education presents challenges. One of the main concerns is the platform's addictive nature, which can lead to excessive screen time and distractions. To address this issue, educators should establish clear boundaries and guidelines for the use of TikTok in the classroom. Students should understand that the platform is a tool for learning, not merely an entertainment medium. Another challenge is the risk of exposure to inappropriate or misleading content. As a public platform, TikTok hosts a wide range of user-generated videos, some of which may not be suitable for young audiences. Digital literacy education plays a crucial role in equipping students with the skills to critically evaluate and filter content. At SMP Muhammadiyah 29 Sawangan Depok, incorporating digital literacy into the curriculum is essential to ensure students can navigate TikTok responsibly. Additionally, not all teachers may be familiar with TikTok or comfortable using it as a teaching tool. Providing professional development and training for educators is crucial to help them effectively harness the platform's potential. Teachers need to be well-versed in TikTok's features and understand how to integrate them into lesson plans that align with educational standards.

The initiative to utilise TikTok as a learning medium at SMP Muhammadiyah 29 Sawangan, Depok, is part of a broader effort to integrate digital tools into the educational process. The school recognises the importance of adapting to the digital habits of its students while maintaining a strong foundation in academic excellence and Islamic values. The program commenced with a series of workshops and discussions that involved teachers, students, and parents. These sessions aimed to raise awareness about the potential and challenges of using TikTok in education. Teachers were introduced to best practices for incorporating TikTok into their teaching strategies, while students were encouraged to think critically about how they use the platform. Initial activities included creating TikTok videos related to specific subjects, such as English, Science, and Social Studies. For instance, students were tasked with producing videos that summarised key concepts from their lessons or highlighted interesting facts about a topic. The results were shared in class, fostering a sense of achievement and encouraging peer learning. Feedback from students and teachers indicated that the program had a positive impact on engagement and motivation.

Many students found the activities enjoyable and felt more confident in expressing their ideas. Teachers noted an improvement in students' creativity and participation, particularly among those who were previously less active in traditional classroom settings. Building on the success of the initial program, SMP Muhammadiyah 29 Sawangan Depok plans to expand its use of TikTok as a learning tool. Future initiatives will focus on integrating TikTok into more subjects and developing structured modules that align with the national curriculum. The school also aims to collaborate with other institutions to share best practices and explore new ways of using TikTok in education. Furthermore, the program will place greater emphasis on digital literacy and ethical use of social media. Students will be taught how to identify credible sources, avoid misinformation, and create content that reflects positive values. These skills are essential for preparing students to navigate the complexities of the digital world in a responsible manner. The wise use of TikTok at SMP Muhammadiyah 29 Sawangan Depok represents an innovative approach to education in the digital age. By harnessing the platform's potential while addressing its challenges, the school aims to create a learning environment that is both engaging and meaningful. This initiative not only benefits students academically but also helps them develop the skills and mindset needed to thrive in an increasingly digital society.

2. Literature Review

The rapid development of digital media and its integration into education has been a focal point for researchers over the last decade. As social media platforms gain prominence, educators and academics are exploring their potential as tools for learning. This review synthesises literature from multiple studies (2015–2024) to examine the wise use of TikTok in educational settings, particularly in middle schools such as SMP Muhammadiyah 29 Sawangan Depok. The review focuses on three main aspects: the educational potential of social media, the challenges of digital literacy, and the role of cultural integration in digital platforms. Social media platforms have emerged as dynamic tools that facilitate learning, creativity, and engagement. According to Hu et al. [11], platforms such as TikTok offer unique opportunities for micro-learning, where educational content can be delivered in short, engaging formats. The authors argue that TikTok's video editing features enable students to express complex concepts through multimedia, enhancing their understanding and retention. Similarly, research by Putri [9] highlights the motivational impact of integrating TikTok into classroom activities. Her study found that students were more enthusiastic about participating in lessons that incorporated creative tasks using TikTok. The platform's interactive nature allowed for peer feedback, fostering collaboration and critical thinking. This aligns with the findings of Rahman [2], who emphasised that visual storytelling on TikTok promotes cognitive and emotional engagement among learners.

Furthermore, Khalaf et al. [1] explored the use of TikTok in language learning, concluding that the platform effectively supports vocabulary acquisition and pronunciation practice. The study revealed that students who created short videos in a target language demonstrated improved communication skills and increased confidence. These findings are particularly relevant for schools like SMP Muhammadiyah 29 Sawangan Depok, where English is taught as a second language. Social media has shifted

from being merely a communication tool to an integral part of educational strategies. According to Hu et al. [11], platforms like TikTok offer unique features, including short, engaging video formats that make learning more interactive and engaging. Their research suggests that incorporating TikTok into classrooms can enhance student engagement and promote creativity. Further supporting this idea, Rogers [3] explored how TikTok enhances project-based learning. They found that students who created videos explaining academic concepts displayed improved comprehension and collaboration skills. This aligns with the findings of Patra and Gogoi [6], who argued that TikTok offers educators an opportunity to create content that resonates with students' digital preferences. However, integrating social media into education requires clear guidelines to avoid distractions and misuse. Khalaf et al. [1] emphasised the importance of teacher supervision and structured lesson plans to maximise the platform's educational potential. For SMP Muhammadiyah 29 Sawangan Depok, such approaches could help ensure that TikTok serves as a productive learning tool.

Despite its potential, integrating TikTok into education presents challenges. One significant concern is the varying levels of digital literacy among students and educators. According to Mardiana et al. [5], a lack of critical digital skills often leads to passive consumption of content and increased susceptibility to misinformation. Their study emphasises the importance of equipping students with the ability to critically evaluate and verify information. Rogers [3] argues that digital literacy education should be a foundational component of any program that incorporates social media into learning. They propose a framework that includes understanding platform algorithms, identifying credible sources, and fostering ethical online behaviour. This framework has been adopted by various schools globally, with positive outcomes in terms of student awareness and accountability. In the context of Indonesia, Patra and Gogoi [6] examined the digital literacy gap in middle schools. They found that urban schools, such as SMP Muhammadiyah 29 Sawangan Depok, are better positioned to adopt social media-based learning due to their access to technology.

However, he also noted disparities in teacher readiness and parental support, which could hinder effective implementation. Digital literacy is a crucial skill for 21st-century learners, yet many students struggle to navigate online platforms effectively. Research by Mardiana et al. [5] highlighted the risks associated with low digital literacy, including susceptibility to misinformation and passive consumption of content. Their study recommends integrating digital literacy education into school curricula to address these challenges. Rogers [3] proposed a comprehensive framework for developing digital literacy, which includes teaching students how to critically evaluate online information, understand platform algorithms, and practice ethical behaviour. This framework is particularly relevant for schools like SMP Muhammadiyah 29 Sawangan Depok, where students are active social media users but may lack critical thinking skills. Gyimah [4] examined the roles of parents and teachers in promoting digital literacy. Their findings indicate that collaborative efforts between schools and families are essential for equipping students with the skills to use platforms like TikTok responsibly. These efforts may include workshops, seminars, and joint activities that involve students and parents.

The integration of cultural values into educational content on TikTok has garnered increasing attention. Rahman [2] emphasised the importance of preserving local culture in digital media, arguing that platforms like TikTok can be used to promote cultural heritage among younger generations. His research highlighted several successful initiatives in which students created videos showcasing traditional dances, music, and crafts, thereby bridging the gap between modern technology and local traditions. In a similar vein, studies by Gyimah [4] demonstrated how incorporating cultural elements into TikTok-based learning enhanced students' sense of identity and pride. They noted that students who participated in a paper involving local folklore and historical reenactments were more engaged and motivated. For schools like SMP Muhammadiyah 29 Sawangan Depok, such approaches could be instrumental in aligning educational objectives with community values. TikTok's potential extends beyond academics, serving as a platform for cultural expression and preservation. Rahman [2] highlighted how students can use TikTok to create content showcasing local traditions, dances, and crafts. This not only promotes cultural heritage but also instils a sense of identity and pride among young users. Rahman [2] investigated how integrating cultural values into TikTok-based learning enhances student motivation. Their study found that students were more engaged when creating videos related to their cultural background, such as folklore or historical events. At SMP Muhammadiyah 29 Sawangan Depok, incorporating such projects could align with the school's educational objectives while fostering cultural appreciation.

Similarly, Mishra and Koehler [8] emphasised the importance of contextually relevant content in TikTok-based education. They argue that using local languages and cultural themes in videos helps students connect with their roots while learning in an enjoyable. Numerous case studies have documented the successful use of TikTok in educational settings. For instance, a study by Rogers [3] examined the impact of a TikTok-based project integrated into a middle school science curriculum. The paper involved students creating videos explaining scientific phenomena, such as the water cycle and photosynthesis. Results indicated that students not only retained the concepts better but also developed their presentation and editing skills. Similarly, Selwyn [7] conducted research in an Indonesian middle school, where TikTok was used to teach civic education. Students were tasked with creating videos addressing social issues such as environmental conservation and community service. The study found that this approach enhanced students' awareness and encouraged active citizenship. At SMP Muhammadiyah 29 Sawangan Depok, preliminary programs have explored similar applications, focusing on subjects like English, history, and art.

The school's approach emphasises guided content creation, where teachers provide clear instructions and monitor student activity to ensure alignment with educational goals. Numerous case studies demonstrate the effective use of TikTok in education. For example, Putri [9] documented a project where middle school students used TikTok to create science videos explaining natural phenomena. The paper improved students' understanding of scientific concepts and enhanced their presentation skills. Similarly, Selwyn [7] conducted research in an Indonesian school, where TikTok was used to teach environmental awareness.

Students created videos addressing issues such as waste management and conservation, which increased their knowledge and inspired them to take action. In the context of SMP Muhammadiyah 29 Sawangan Depok, these case studies highlight the potential of TikTok to support interdisciplinary learning. By combining creative tasks with academic objectives, teachers can create lessons that are more engaging and impactful. The ethical implications of using TikTok in education are not to be overlooked. Rogers [3] emphasises the need for robust guidelines to safeguard students' privacy and ensure the responsible use of the platform. Their research suggests that schools should establish clear policies on content sharing, copyright compliance, and respectful online interactions. A study by Selwyn [7] explored the importance of involving parents in digital literacy programs. Their findings indicate that parental involvement not only enhances students' understanding of responsible social media use but also fosters a supportive learning environment at home. At SMP Muhammadiyah 29 Sawangan Depok, efforts to engage parents through workshops and seminars have been well-received, reflecting the value of community collaboration in educational initiatives. The ethical implications of using TikTok in education must be addressed to protect students and maintain a positive learning environment. Rogers [3] emphasised the importance of clear policies regarding privacy, copyright, and respectful online behaviour. They recommend that schools establish guidelines for content creation and sharing to prevent misuse of this information. Selwyn [7] explored how schools can foster ethical digital practices through workshops and training sessions. Their research found that students who received training on online safety and ethical content creation were more responsible in their use of social media.

At SMP Muhammadiyah 29 Sawangan Depok, such initiatives could help students navigate TikTok safely and productively. As digital media continues to evolve, researchers are exploring new ways to leverage platforms like TikTok for education. Selwyn [7] proposes integrating artificial intelligence (AI) tools to personalise learning experiences on social media. They argue that AI can help tailor content to individual student needs, making learning more efficient and effective. In addition, studies by Rahman [2] highlight the potential of gamification in TikTok-based learning. Their research found that incorporating game-like elements, such as challenges and rewards, increased student engagement and motivation. These innovations could further enhance the effectiveness of TikTok as a learning tool at SMP Muhammadiyah 29 Sawangan, Depok. The evolving nature of social media presents new opportunities for educational innovation. Rahman [2] proposed integrating gamification elements, such as challenges and rewards, into TikTok-based learning to boost engagement. Their research showed that students were more motivated when learning felt like a game. Selwyn [7] explored the use of artificial intelligence (AI) to personalise TikTok content for individual learners. They argued that AI could help tailor educational videos to students' preferences and learning styles, making the platform even more effective as a teaching tool. For SMP Muhammadiyah 29 Sawangan Depok, adopting such innovations could enhance the effectiveness of TikTok in education, particularly as the school seeks to prepare students for the challenges of the digital era.

3. Methodology

The study employed a qualitative methodology to explore and understand the perceptions, behaviours, and experiences of students at SMP Muhammadiyah 29 Sawangan Depok regarding the wise use of TikTok as a social media platform. This approach was chosen because it enables an in-depth examination of the complexities of digital literacy and the educational potential of TikTok. The methodology emphasises collecting rich, descriptive data to capture the nuances of students' engagement with the platform. The research design adopted a case study approach, focusing on a specific group of ninth-grade students who participated in the program. The case study method is appropriate for examining real-life contexts and understanding the dynamics of social phenomena, such as media usage and its educational applications. The participants consisted of 36 ninth-grade students from SMP Muhammadiyah 29 Sawangan, Depok. These students were selected purposively to ensure that the sample represented active TikTok users within the adolescent age group, providing insights into their usage patterns and digital habits. Additionally, teachers and parents were involved as supporting informants to provide a broader perspective on the students' digital behaviour and its implications.

The collected data were analysed using thematic analysis, a method that involves identifying, analysing, and reporting patterns (themes) within the data. The process included researchers reviewing the interview transcripts, observation notes, and content analyses to immerse themselves in the data. Initial codes were generated to categorise specific aspects of the data, such as "time management," "content selection," and "educational use of TikTok." Codes were grouped into broader themes that captured the essence of students' experiences, such as "Digital Literacy Challenges" and "Potential of TikTok for Education." The themes were interpreted in light of the research objectives, with a focus on understanding how TikTok can be used wisely and

productively in an educational context. The implementation of the program involved several activities designed to educate and empower students at SMP Muhammadiyah 29 Sawangan, Depok, in using TikTok wisely. Below are the key activities and the outcomes achieved:

3.1. Educational Seminar on TikTok and Digital Literacy

An educational seminar was held to introduce students to TikTok as a platform, explaining its functions, potential benefits, and risks. The seminar covered the history of TikTok, its features, and its role in shaping digital behaviour among teenagers. It also included discussions on the positive and negative impacts of TikTok usage, supported by real-life case studies.

Table 1: Educational seminar on TikTok and digital literacy

No.	Session Title	Description	Duration	Participants	Achievement
1	Educational Seminar on TikTok	Introduction to TikTok: Its Features, Potential Benefits, and Risks. Included discussions on its positive uses.	2 hours	36 students	Before: 60%
					After: 80%
2	Interactive Discussion on Usage	Q&A and personal experience sharing on daily social media use and its impacts.	1.5 hours	36 students	Before: 60%
					After: 80%
3	Training on Responsible TikTok Usage	Practical training on time management, content selection, and maintaining privacy online.	3 hours	36 students	Before: 60%
					After: 80%
4	Positive Content Creation Workshop	Guided workshop for creating short, educational, and positive TikTok videos.	2 hours	36 students	Before: 60%
					After: 80%
5	Survey and Feedback Session	Evaluation through surveys to measure changes in behaviour and perceptions after the program.	1 hour	36 students	Before: 60%
					After: 80%

Table 1 outlines the structured activities conducted as part of the program “The Wise Use of TikTok Media at SMP Muhammadiyah 29 Sawangan Depok.” Each session was designed to address specific objectives aimed at enhancing students' understanding and responsible use of TikTok. Below is a detailed explanation of Figure 1.



Figure 1: Achievement percentage before and after program participation across sessions

- **Educational Seminar on TikTok:** This session provided an introduction to TikTok, focusing on its features, benefits, and risks. Discussions highlighted the positive and productive use of the platform, raising awareness among students about its educational potential. This session set the foundation for understanding the subsequent activities.
- **Interactive Discussion on Usage:** In this session, students participated in a Q&A and shared their personal experiences regarding daily social media usage. The discussion aimed to highlight the impact of excessive content consumption, especially on mental health and productivity. It also encouraged students to reflect on their social media habits.
- **Training on Responsible TikTok Usage:** This practical session focused on teaching students how to use TikTok responsibly and effectively. Topics included time management to prevent overuse, selecting educational and inspirational content, and protecting online privacy. The training emphasised equipping students with the skills to manage their digital presence wisely.
- **Positive Content Creation Workshop:** Students engaged in a hands-on workshop to create short, positive, and educational videos suitable for TikTok. This activity encouraged creativity while reinforcing the importance of sharing valuable and constructive content on social media.
- **Survey and Feedback Session:** The program concluded with a survey and feedback session to assess the changes in students' behaviour and perceptions that occurred following the completion of the program. This session measured the effectiveness of the activities in achieving the program goals.

3.2. Interactive Discussion on Social Media Usage

A Q&A session encouraged students to share their experiences with social media, particularly TikTok. Topics included daily usage habits, the types of content they consumed, and how they felt influenced by TikTok. The discussion also emphasised the importance of time management and critical thinking when interacting with online content (Table 2).

Table 2: Interactive discussion on social media usage

No.	Session Title	Description	Duration	Participant	Achievement
1	Introduction to Social Media Usage	Introduction to the use of social media, its benefits, and challenges. Participants will engage in discussions on how social media affects their lives.	15 minutes	36 students	Before: 55%, After: 70%
2	The Pros and Cons of Social Media	Discussing the advantages and disadvantages of social media use, including its impact on mental health and social relationships.	20 minutes	36 students	Before: 55%, After: 70%
3	Responsible Social Media Behaviour	Explaining the importance of ethics and responsible behaviour in using social media. Participants will discuss strategies for maintaining safety and privacy.	20 minutes	36 students	Before: 55%, After: 70%
4	Social Media and Digital Footprint	Discussing the concept of digital footprints and how actions on social media can impact one's online image.	15 minutes	36 students	Before: 55%, After: 70%
5	Interactive Debate on Social Media	An interactive debate between two groups: one supporting unrestricted social media use and the other advocating for controlled use of social media.	25 minutes	36 students	Before: 55%, After: 70%

All sessions aim to enhance students' understanding and awareness of both the positive and negative impacts of social media, as well as the importance of responsible behaviour online. The "Interactive Discussion on Social Media Usage" activity comprises five sessions designed to enhance students' awareness and understanding of the impact of social media. Each session focuses on different aspects of social media, including its benefits, challenges, responsible behaviour, and digital footprints.

- **Introduction to Social Media Usage:** This session introduces students to the use of social media, its benefits, and the challenges it presents. The goal is to encourage students to reflect on the impact of social media on their lives.
- **The Pros and Cons of Social Media:** In this session, students will examine the positive and negative aspects of social media, including its impact on mental health and social relationships.
- **Responsible Social Media Behaviour:** This session emphasises the importance of ethics and responsible use of social media. Students will discuss ways to protect their privacy and safety while using social media.
- **Social Media and Digital Footprint:** In this session, students will learn about the concept of a digital footprint and how their actions on social media can affect their online image.

- **Interactive Debate on Social Media:** The final session is an interactive debate where students will be divided into two groups. One group will advocate for the unrestricted use of social media, while the other will argue for controlled and responsible use.

The sessions are designed to help students better understand the positive and negative effects of social media and emphasise the importance of using it responsibly. The achievement goal is to increase students' understanding from 55% before the activity to 70% after the discussions (Figure 2).

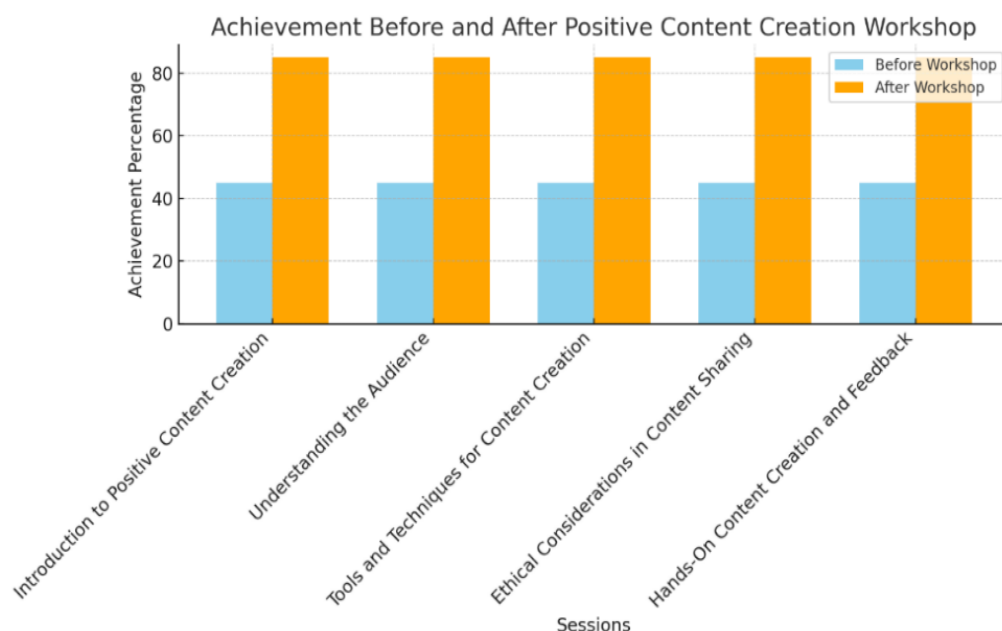


Figure 2: Achievement percentage before and after the positive content creation workshop

3.3. Training on Responsible TikTok Usage

A hands-on training session taught students how to use TikTok responsibly. The training included lessons on managing screen time, identifying and consuming educational and inspiring content, as well as safeguarding privacy and personal information online (Table 3).

Table 3: Training on responsible TikTok usage

No.	Session Title	Description	Duration	Participant	Achievement
1	Introduction to TikTok and Its Impact	Introduction to TikTok as a social media platform, its features, and its impact on users, especially teenagers. Students will discuss both positive and negative effects.	15 minutes	36 students	Before: 40%, After: 75%
2	Privacy and Security on TikTok	Educating students on privacy settings and security measures on TikTok to ensure their safety while using the platform.	20 minutes	36 students	Before: 40%, After: 75%
3	Creating Positive Content on TikTok	Discussing how to create content that is positive, respectful, and aligns with responsible online behaviour. Students will learn tips for sharing meaningful content.	20 minutes	36 students	Before: 40%, After: 75%
4	Recognising and Handling Online Risks	Educating students on how to recognise and handle online risks such as cyberbullying, inappropriate content, and misinformation on TikTok.	15 minutes	36 students	Before: 40%, After: 75%
5	Interactive Q&A and Reflection	An interactive session for students to ask questions and reflect on what they've	25 minutes	36 students	Before: 40%, After: 75%

		learned, discussing their own experiences and concerns with TikTok.			
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This training program aims to enhance students' understanding of responsible TikTok usage, including the importance of privacy, creating positive content, and recognising online risks. The goal is to increase students' comprehension from 40% before the session to 75% after the training. The “Training on Responsible TikTok Usage” activity consists of five sessions designed to enhance students' understanding of how to use TikTok responsibly. The sessions focus on various aspects of TikTok usage, including privacy, security, content creation, and recognising online risks.

- **Introduction to TikTok and Its Impact:** This session introduces TikTok as a social media platform, exploring its features and discussing its positive and negative effects, particularly on teenagers. Students will reflect on the impact of TikTok on their lives.
- **Privacy and Security on TikTok:** In this session, students will learn about privacy settings and security measures on TikTok. The aim is to educate them on how to protect their personal information and stay safe while using the platform.
- **Creating Positive Content on TikTok:** This session focuses on creating meaningful and positive content that reflects responsible online behaviour. Students will learn tips for sharing respectful and creative content.
- **Recognising and Handling Online Risks:** Students will learn to identify and manage online risks, such as cyberbullying, inappropriate content, and misinformation, which are common on TikTok.
- **Interactive Q&A and Reflection:** The final session provides an opportunity for students to ask questions and reflect on what they've learned. They will share their experiences, express concerns, and discuss strategies for responsible use of TikTok.

The goal of this training is to increase students' understanding of responsible TikTok use, from 40% before the activity to 75% after completing the sessions.

3.4. Positive Content Creation Workshop

As an application of their learning, students were tasked with creating short, positive videos for TikTok. They were encouraged to produce content that conveyed educational messages or showcased their talents, such as school activities, new skills, or informative tips (Table 4).

Table 4: Positive content creation workshop

No.	Session Title	Description	Duration	Participant	Achievement
1	Introduction to Positive Content Creation	Introduction to the importance of creating positive and meaningful content, and how it can impact others. Students will explore examples of good content.	15 minutes	36 students	Before: 45%, After: 85%
2	Understanding the Audience	Teaching students how to understand their audience and create content that is relevant, respectful, and valuable to viewers.	20 minutes	36 students	Before: 45%, After: 85%
3	Tools and Techniques for Content Creation	Introducing different tools and techniques for creating high-quality, engaging content, including video editing and storyboarding tips.	20 minutes	36 students	Before: 45%, After: 85%
4	Ethical Considerations in Content Sharing	Discussing the ethical implications of sharing content online, including respecting others' privacy and avoiding harmful stereotypes.	15 minutes	36 students	Before: 45%, After: 85%
5	Hands-On Content Creation and Feedback	A practical session where students create their own positive content and receive feedback from peers and instructors.	25 minutes	36 students	Before: 45%, After: 85%

This workshop is designed to teach students how to create positive and impactful content, understand their target audience, and utilise the appropriate tools and techniques. The goal is to increase students' understanding and skills in content creation from 45% before the workshop to 85% after the session. The “Positive Content Creation Workshop” comprises five sessions designed to teach students how to create meaningful, positive, and impactful content. The sessions cover various aspects of content

creation, including understanding the target audience, utilising content creation tools, and considering the ethical implications of content creation.

- **Introduction to Positive Content Creation:** This session introduces the concept of positive content creation, highlighting its significance and the positive impact it can have on others. Students will explore examples of good content to understand what makes it positive.
- **Understanding the Audience:** In this session, students will learn how to identify their target audience and create content that is relevant, respectful, and valuable to viewers.
- **Tools and Techniques for Content Creation:** This session introduces students to various tools and techniques for creating high-quality content. Students will learn video editing and storyboarding tips to enhance their content creation skills.
- **Ethical Considerations in Content Sharing:** Students will explore the ethical aspects of sharing content online, such as respecting others' privacy, avoiding harmful stereotypes, and ensuring that their content is responsible.
- **Hands-On Content Creation and Feedback:** In the final session, students will have the opportunity to create their own positive content. They will receive feedback from peers and instructors to improve their work.

4. Conclusion

The conclusion of the student community service activity with the theme “Wise Use of TikTok as a Learning Media” is that TikTok can be utilised as a creative media to support the learning process and personal development, as long as it is used wisely. Through this activity, participants gained not only an understanding of the positive and negative aspects of TikTok but also engaged in activities to analyse their aspirations. Participants wrote down their aspirations in front of the class as a form of self-reflection, which was then used as inspiration for creating educational content or selecting useful content to watch. This approach provides participants with the opportunity to use digital platforms productively, both to express creative ideas and to absorb information relevant to their life goals. Furthermore, this activity successfully raised participants' awareness about the importance of maintaining ethics, privacy, and security when using social media. It encouraged them to be more selective and responsible in managing their digital media consumption. The activity also provided several recommendations: Schools can expand educational programs on the wise use of social media, involving parents and the school community to create a supportive environment. Students can be involved in creating educational content that can be shared on social media to broaden the positive impact of TikTok among teenagers. Schools should monitor students' social media usage and educate them on the importance of striking a balance between online and offline activities.

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