Scheme of Work for Modern Communication Technology

Introduction

The scheme of work for Modern Communication Technology is designed for senior two students in Uganda, following the new curriculum. The topic is divided into 12 periods, covered over a month, with three 80-minute sessions per week on Mondays, Tuesdays, and Wednesdays. This comprehensive scheme of work aims to equip students with the knowledge and skills necessary to understand the evolution of modern communication technology, its impact on society, and how to use various digital tools for effective communication.

Period 1: Picture Discussion and Related Vocabulary

In this period, students will be introduced to the concept of modern communication technology through picture discussion and related vocabulary. The learning objectives for this period include defining modern communication technology, identifying and explaining key terms related to modern communication technology, and using vocabulary related to modern communication technology in context.

Example Activity

Students will be shown pictures of different modern communication devices, such as smartphones, laptops, and tablets, and asked to discuss and identify the devices. The teacher will then introduce key terms related to modern communication technology, such as "digital," "online," and "social media," and have students work in groups to match the terms with their definitions.

Period 2: Group Discussion and Plenary Presentations

In this period, students will participate in group discussions and plenary presentations to explore the evolution of modern communication technology. The learning objectives for this period include explaining the evolution of modern communication technology, identifying key milestones in the development of modern communication technology, and participating in group discussions and presentations.

Example Activity

Students will be divided into groups and assigned different topics related to the evolution of modern communication technology, such as the invention of the telephone or the development of the internet. Each group will research and prepare a presentation on their topic, which will be presented to the class. The teacher will facilitate the discussions and provide guidance and feedback to the students.

Period 3: Listening and Speaking

In this period, students will practice their listening and speaking skills through role-plays and simulations. The learning objectives for this period include identifying and explaining modern methods of communication, using listening and speaking skills to discuss modern communication methods, and participating in role-plays and simulations.

Example Activity

Students will be given different scenarios related to modern communication technology, such as making a phone call or sending a text message, and asked to role-play the scenarios in pairs or small groups. The teacher will provide feedback and guidance to the students, and encourage them to use vocabulary and language structures learned in previous periods.

Period 4: Modern Methods of Communication and Their Use

In this period, students will learn about modern methods of communication and their use. The learning objectives for this period include explaining the use of modern methods of communication, identifying the advantages and disadvantages of modern communication methods, and using modern communication methods in context.

Example Activity

Students will be given a case study of a modern communication method, such as email or social media, and asked to discuss and identify the advantages and disadvantages of the method. The teacher will provide guidance and feedback to the students, and encourage them to use vocabulary and language structures learned in previous periods.

Period 5: Comparing Communication Methods

In this period, students will compare and contrast different communication methods. The learning objectives for this period include comparing and contrasting different communication methods, identifying the advantages and disadvantages of different communication methods, and using comparative language to discuss communication methods.

Example Activity

Students will be given a table or chart comparing different communication methods, such as face-to-face communication, phone calls, and text messages, and asked to discuss and identify the advantages and disadvantages of each method. The teacher will provide guidance and feedback to the students, and encourage them to use comparative language to discuss the methods.

Period 6: Adjectives and Modifiers to Describe

In this period, students will learn to use adjectives and modifiers to describe communication methods. The learning objectives for this period include using adjectives and modifiers to describe communication methods, identifying and explaining the use of adjectives and modifiers in context, and practicing using adjectives and modifiers in sentences.

Example Activity

Students will be given a set of adjectives and modifiers related to communication methods, such as "fast," "reliable," and "convenient," and asked to use them to describe different communication methods. The teacher will provide guidance and feedback to the students, and encourage them to practice using the adjectives and modifiers in sentences.

Period 7: Various Forms of Online Communication

In this period, students will learn about various forms of online communication. The learning objectives for this period include identifying and explaining various forms of online communication, using online communication methods in context, and participating in online discussions and collaborations.

Example Activity

Students will be introduced to different forms of online communication, such as email, social media, and online forums, and asked to discuss and identify the advantages and disadvantages of each method. The teacher will provide guidance and feedback to the students, and encourage them to participate in online discussions and collaborations.

Period 8: Using Wh-Questions

In this period, students will learn to use wh-questions to gather information. The learning objectives for this period include using wh-questions to gather information, identifying and explaining the use of wh-questions in context, and practicing using wh-questions in sentences.

Example Activity

Students will be given a set of wh-questions related to communication methods, such as "What," "Where," and "When," and asked to use them to gather information about different communication methods. The teacher will provide guidance and feedback to the students, and encourage them to practice using the wh-questions in sentences.

Period 9: Wh-Questions

In this period, students will continue to learn to use wh-questions to clarify information. The learning objectives for this period include using wh-questions to clarify information, identifying and explaining the use of wh-questions in context, and practicing using wh-questions in sentences.

Example Activity

Students will be given a set of wh-questions related to communication methods, such as "Why," "How," and "What," and asked to use them to clarify information about different communication methods. The teacher will provide guidance and feedback to the students, and encourage them to practice using the wh-questions in sentences.

Period 10: Conducting a Survey

In this period, students will learn to conduct a survey to gather information. The learning objectives for this period include conducting a survey to gather information, identifying and explaining the use of surveys in research, and practicing using survey questions and analyzing results.

Example Activity

Students will be given a survey design guideline and asked to design and conduct a survey on a topic related to communication methods. The teacher will provide guidance and feedback to the students, and encourage them to analyze the results and present their findings to the class.

Period 11: Pros and Cons of Modern Technology

In this period, students will learn to identify and explain the pros and cons of modern technology. The learning objectives for this period include identifying and explaining the pros and cons of modern technology, using comparative language to discuss modern technology, and participating in debates and discussions.

Example Activity

Students will be given a table or chart comparing the pros and cons of modern technology, such as the benefits of social media versus the drawbacks of online harassment, and asked to discuss and identify the advantages and disadvantages of modern technology. The teacher will provide guidance and feedback to the students, and encourage them to participate in debates and discussions.

Period 12: Using Language and Persuasion

In this period, students will learn to use language and persuasion to convince others. The learning objectives for this period include using language and persuasion to convince others, identifying and explaining the use of persuasive language in context, and practicing using persuasive language in sentences.

Example Activity

Students will be given a persuasive language guideline and asked to write a persuasive essay on a topic related to communication methods. The teacher will provide guidance and feedback to the students, and encourage them to practice using persuasive language in sentences.

Additional Lessons

The following lessons will be covered in the remaining weeks: Lesson 13: Misuse of Modern Communication Technology, Lesson 14: Dialogue Communication, Lesson 15: Using Negation, Lesson 16: Language Register Used in Different Telephone, Lesson 17: Formal Telephone Register, Lesson 18: Informal Telephone Register, Lesson 19: Interrogative Clauses, Lesson 20: Formal Telephone Register and Word Games, Lesson 21: Listening Practice, Lesson 23: Reading and Comprehension, Lesson 24: Vocabulary Practice, Lesson 25: Debate, Lesson 25: Using Auxiliary Verbs, Lesson 26: Distinguish Between Habitual Past and I Am Used To, Lesson 27: Used to and I Am Used To, Lesson 28: Summary Writing, Lesson 29: Language Forms Used in SMS Messages/Emails, Lesson 30 and 31: Interpreting Manuals and Brochures, Lesson 32: Word Puzzle.

Conclusion

The scheme of work for Modern Communication Technology is designed to help students understand the evolution of modern communication technology, its impact on society, and how to use various digital tools for effective communication. The lessons are structured to accommodate mixed-ability groups and include interactive quizzes, group discussions, multimedia presentations, and collaborative project work. By the end of the course, students will be able to explain the evolution of modern communication technology, identify its impact on society, and demonstrate the ability to use various digital tools for effective communication.

Learning Objectives

The learning objectives for this scheme of work are: Students will be able to explain the evolution of modern communication technology, Students will be able to identify the impact of modern communication technology on society, Students will be able to demonstrate the ability to use various digital tools for effective communication.

Differentiation Strategies

The following differentiation strategies will be used to cater to diverse learning needs: Learning centers, Group work, One-on-one instruction, Technology integration, Visual aids.

Assessment Opportunities

The following assessment opportunities will be used to evaluate student understanding and progress:
Quizzes, Group discussions, Presentations, Written assignments, Projects.

Time Management Considerations

The following time management considerations will be taken into account: Lesson plans will be designed to accommodate the 80-minute class period, Activities will be timed to ensure that students have enough time to complete tasks, Transitions between activities will be smooth and efficient.

Student Engagement Factors

The following student engagement factors will be taken into account: Interest, Motivation, Participation, Feedback, Choice.

References

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Remarks

The scheme of work is designed to be flexible and adaptable to the needs of the students and the teacher. The teacher should be prepared to make adjustments as necessary to ensure that the students are engaged and achieving the learning objectives.

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Week	Period	Topic	Competence	Learning Outcomes
1	1	Introduction to Modern Communication Technology	Identify and explain key terms	Define modern communication technology, identify key terms
1	2	Evolution of Modern Communication Technology	Explain the evolution	Explain the evolution, identify key milestones
2	3	Modern Methods of Communication	Identify and explain modern methods	Identify modern methods, explain their use
2	4	Modern Methods of Communication	Explain the use of modern methods	Explain the use, identify advantages and disadvantages
3	5	Comparing Communication Methods	Compare and contrast	Compare and contrast, identify advantages and disadvantages
3	6	Describing Communication Methods	Use adjectives and modifiers	Use adjectives and modifiers, identify and explain their use
4	7	Online Communication	Identify and explain online communication	Identify online communication, explain its use
4	8	Questioning Techniques	Use wh-questions	Use wh-questions, identify and explain their use
5	9	Questioning Techniques	Use wh-questions	Use wh-questions, identify and explain their use
5	10	Research Methods	Conduct a survey	Conduct a survey, identify and explain its use
6	11	Modern Technology	Identify and explain pros and cons	Identify pros and cons, explain their use
6	12	Persuasive Language	Use language and persuasion	Use language and persuasion, identify and explain its use

Advanced Concepts

In this section, we will delve into advanced concepts related to modern communication technology. Students will learn about the latest trends and innovations in the field, including artificial intelligence, blockchain, and the Internet of Things (IoT). The learning objectives for this section include explaining the role of artificial intelligence in modern communication technology, identifying the applications of blockchain in communication, and discussing the impact of IoT on communication systems.

Case Study: Artificial Intelligence in Customer Service

A leading telecommunications company implemented an AI-powered chatbot to handle customer inquiries. The chatbot was able to resolve 80% of customer issues without human intervention, resulting in significant cost savings and improved customer satisfaction. Students will analyze the case study and discuss the benefits and limitations of using AI in customer service.

Communication Networks

This section will cover the fundamentals of communication networks, including network topology, protocols, and architecture. Students will learn about the different types of networks, including local area networks (LANs), wide area networks (WANs), and wireless networks. The learning objectives for this section include explaining the principles of network communication, identifying the components of a network, and discussing the importance of network security.

Example: Network Topology

Students will be given a scenario where they need to design a network for a small business. They will have to decide on the network topology, choose the necessary hardware and software, and configure the network to ensure secure and efficient communication.

Cybersecurity

In this section, students will learn about the importance of cybersecurity in modern communication technology. They will study the different types of cyber threats, including malware, phishing, and denial-of-service attacks, and learn about the measures to prevent and mitigate these threats. The learning objectives for this section include explaining the principles of cybersecurity, identifying the types of cyber threats, and discussing the best practices for cybersecurity.

Case Study: Cyber Attack on a Financial Institution

A major financial institution was hit by a cyber attack, resulting in the theft of sensitive customer data. Students will analyze the case study and discuss the measures that could have been taken to prevent the attack and the steps that were taken to respond to the incident.

Digital Citizenship

This section will cover the importance of digital citizenship in modern communication technology. Students will learn about the rights and responsibilities of digital citizens, including online etiquette, privacy, and security. The learning objectives for this section include explaining the principles of digital citizenship, identifying the rights and responsibilities of digital citizens, and discussing the importance of digital literacy.

Example: Online Etiquette

Students will be given a scenario where they need to create a social media post. They will have to consider the online etiquette guidelines and create a post that is respectful, informative, and engaging.

Communication Technology in the Workplace

In this section, students will learn about the role of communication technology in the workplace. They will study the different types of communication tools used in the workplace, including email, instant messaging, and video conferencing, and learn about the best practices for using these tools effectively. The learning objectives for this section include explaining the role of communication technology in the workplace, identifying the different types of communication tools, and discussing the best practices for using these tools.

Case Study: Remote Work

A company implemented a remote work policy, allowing employees to work from home. Students will analyze the case study and discuss the benefits and challenges of remote work, including the role of communication technology in facilitating remote work.

Future of Communication Technology

This section will cover the future of communication technology, including emerging trends and innovations. Students will learn about the potential impact of these trends on society and the economy, and discuss the ethical implications of these developments. The learning objectives for this section include explaining the emerging trends in communication technology, identifying the potential impact of these trends, and discussing the ethical implications.

Example: Virtual Reality

Students will be given a scenario where they need to create a virtual reality experience. They will have to consider the potential applications of virtual reality in communication and create an experience that demonstrates its potential.

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