



Introduction to Technology in Communication

Technology in Communication



Technology has transformed how we communicate personally and professionally.



From letters to instant messaging, the evolution is rapid and ongoing.



Today's focus: current technologies and future possibilities.

Technology in Communication



Recent Advances: Mobile Communication

Smartphones enable instant voice, video, and text communication worldwide.

Apps like WhatsApp, Messenger, and WeChat connect billions instantly.

Example: Video calling family overseas anytime, anywhere.

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Social Media Platforms

Platforms like Facebook, Twitter, Instagram allow sharing ideas and news in real-time.

Used for personal, business, and political communication.

Example: Twitter's role in live updates during events or emergencies.



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Artificial Intelligence in Communication

- AI-powered chatbots provide customer service 24/7.
- Language translation apps break down language barriers instantly.
- Example: AI assistants like Siri and Alexa respond to voice commands.

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Augmented Reality (AR) and Virtual Reality (VR) and IoT

- AR/VR create immersive communication experiences.
- Used in training, virtual meetings, and social platforms.

Example: Virtual classrooms where students interact in 3D environments.

- IoT connects everyday devices to communicate and share data.

Examples: Smart home devices controlled remotely via apps.



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Future of Communication: Brain-Computer Interfaces

- Emerging tech aims to connect human brains directly with computers.
- Potential for silent, thought-based communication.

Example: Research projects enabling paralyzed people to control devices mentally.



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Challenges and Ethical Considerations

- Privacy concerns with constant connectivity and data sharing.
- Digital divide: unequal access to technology worldwide.
- Importance of responsible use and digital literacy for the future.



Communication Tools

Group Activity: Collect data and represent as:

- Table
- Maps
- Graphs
- Flow Charts
- ClipArt / Icons

Discuss its advantages and disadvantages

