

K.NI.1 Networking and the Internet

The student will describe how people can communicate with others by connected computing devices and the Internet. (a) Identify ways to communicate with others using connected computing devices and the Internet. (b) Describe the benefits of communicating with others using connected computing devices and the Internet.



Integration Opportunities

Understanding the Standard

Computers and the Internet allow us to connect with people from all over the world. We can send emails, make video calls, and chat online to stay in touch with friends and family who live far away. We can also learn about other cultures and share ideas with others. It's like having the world at your fingertips! Many Kindergarteners have experience with speaking on the phone or through video chat with relatives or family friends. Others may have experience with watching videos online or playing interactive, multi-user games. These are all types of communication.

Term	Definition
Communicate	To exchange ideas and information.
Email	A program used to communicate online.
Social media	Websites and apps that focus on content sharing and interaction between users.
Snail mail	Written letters that are physically delivered to a recipient, usually by a mail carrier.
Text message	Text-based communication delivered digitally.

English K.R.1 a-d With support, have students work together to identify and research how and why we use devices and the Internet to communicate with others. Then have students record and share the information collected through drawings or writing.

Math K.PFA.1a,c Design a pattern using images or colors to represent different communication methods through computers, such as texting, calling, or video chatting, while discussing how these methods help us maintain connections with others.

Physical Education K.3b Students will identify how certain apps, websites, and channels can help people build online communities and encourage physical activity at home with family, friends, or individually.

Visual Arts K.5 Students will demonstrate how the internet can support artists working together in a creative community.

Prerequisite Knowledge

Students should understand that when humans communicate, they share and receive information. They should be able to notice different forms of communication, such as speaking and listening, singing, writing and reading, creating movements with meaning, using phones, computers, and tablets, sending mail, and more.

Summary of a Lesson

Create an anchor chart of the ways students or their grownups can talk to and listen to other people. Be sure to include snail mail (letter writing), email, text message, and social media, but you can include other appropriate forms of communication that students may suggest, such as video chat, YouTube channels, and phone calls. Choose four modes of communication from the chart and have students play 4 corners to investigate types of communication and audiences with whom the information is shared. Have students share why they picked their corner with a partner or with the group. Clarify any misconceptions during discussion. Possible scenarios include: *Talking with people from different countries (use globe or map), telling family some good news, pretend you are a scientist that just made an important discovery that you need to share, sending a party invite to friends and family, or sharing an interest with a family member/friend.*