2.NI.1 Networks and the Internet

> *The student will demonstrate the use of the Internet in gathering information to accomplish a task. (a) Explore ways information is organized and shared on the Internet. (b) Gather information from the Internet. (c) Summarize collected information using their own words.*

Understanding the Standard

Online communication enables positive interactions and the exchange of ideas among individuals worldwide, including friends and family. It also provides professionals, such as scientists, mathematicians, and business people, with opportunities to collaborate on shared projects. Information can be organized and shared through collaborative documents, published websites and videos, and electronic communication methods, including email, video conferencing, blogs, and social media platforms. At this age, students should begin to use the Internet with adult guidance to gather information for their own purposes and recognize that content on the Internet is, in most cases, created by a person that deserves to have credit for their work.

Term	Definition
Blog	An informal website that is regularly updated by an individual or group
Email	Program used to communicate online
Social media	Applications that allow people to communicate and share content with each other
Video conference	Communicating with someone on the Internet with both audio and video

Prerequisite Knowledge

Children should have a basic understanding of how technology plays a role in communication, encouraging connections with people who are geographically distant from them through email, social media, video chats, and reading or viewing published material on the Internet.

Integration Opportunities

English 2.R.1 a-e Have students choose a topic and generate questions to research. Then have students locate information using various electronic resources and use a graphic organizer to record the information collected. Students present the information gathered in their own words either orally in writing or through a visual display.

History 2.7 Students will conduct research using the Internet, exploring websites and resources that organize information about the revolutionaries who fought for America's freedom. They will then summarize their research in their own words through a work which will be published to a broader audience on a class website (as approved by parents and administration).

Visual Arts 2.8 Students will identify sources for appropriately viewing art on the Internet and giving credit to the creators of the artworks shown.

Summary of a Lesson

In the context of a student project involving research and gathering information from many sources, model navigating kid-friendly informative sites, such as KidRex or Kiddle. Discuss using keywords for searches instead of full sentences or questions. You might model using Boolean search terms using the Boolify Boolean search learning tool. In pairs or small groups, have students generate questions that they want to research and list possible search terms to use when researching those questions.

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