

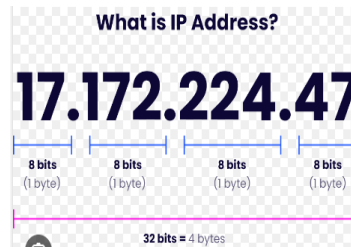


Computing: Communication and collaboration

Lesson sequence

- Lesson 1: To explain the importance of internet addresses
- Lesson 2: To recognise how data is transferred across the internet
- Lesson 3: To explain how sharing information online can help people to work together
- Lesson 4: To evaluate different ways of working together online
- Lesson 5: To recognise how we communicate using technology
- Lesson 6: To evaluate different methods of online communication

Visual Representations



Parts of a packet



Prior Knowledge

- Familiar with Scratch
- Ability to access Internet
- Able to work collaboratively
- Familiarity with Desk Top publishing
- Know how to access shared files stored online

Cross-curricular Links

- National curriculum links
- English
- Convey ideas confidently using Standard English
- Justify ideas with reasons.

Sticky Learning

New Knowledge

- To compare the results from different search engines
- To demonstrate that different search terms produce different results
- To explain that search terms need to be chosen carefully
- To evaluate the results of search terms
- To identify that results from search engines can include adverts, and that the adverts can be targeted
- To identify different ways to communicate without technology
- To list methods of communicating using the internet
- To choose an appropriate method of internet communication for a given purpose
 - To evaluate different methods of online communication
 - To explain which types of media can be shared through the internet
 - To explain that communicating through the internet can be public or private
- To decide what I should/should not share
- To classify internet communication by messenger and recipient or audience

New Skills

- Describe what different freehand tools do
- Recognise that there are a number of search engine
- Examine the role of the searcher, search engine, and content creator in the searching process
- Identify some of the limitations of search engines
- Recognise that some information is not searchable
- Define communication
- Discuss the opportunities that technology offers for communication

Create a shared bank of information

Chat

Click on the Chat button

Read messages

Type messages in the chat box

Explore

Click on the Explore button at the bottom of the screen

Enter a search term

Choose Web or Images

New Vocabulary

- Web crawler
- Search engine
- Index
- Communication
- Ranking
- Searcher
- Content
- Creator

Computer Safety

- To understand how to use a computer safely, respectfully and responsibly
- Recognise acceptable and unacceptable behaviour and how to report this
- Awareness of digital footprint
- Awareness of scams/phishing and target advertising