Communication standards

Devices in a bubble video

The internet and standards

***A standard*** is a   
 **set of rules that determines how something must be done**

***Networking and internet standards***

**ensure that all devices connecting to the network implement the same set of rules or protocols in the same manner**

Using standards, it is possible for different types of devices to send info to each other over the internet

For example, the way in which an email is formatted, forwarded, and received by all devices is done according to a standard. If one person sends an email via a personal computer, another person can use a mobile phone to receive and read the email as long as the mobile phone uses the same standards as the personal computer.

Network standards organizations

Internet standard is the end result of a comprehensive cycle of discussion, problem solving, and testing. These different standards are developed, published, and maintained by a variety of organizations.

When a new standard is proposed, each stage of the development and approval process is recorded in a numbered Request for Comments (RFC) document so that the evolution of the standard is tracked