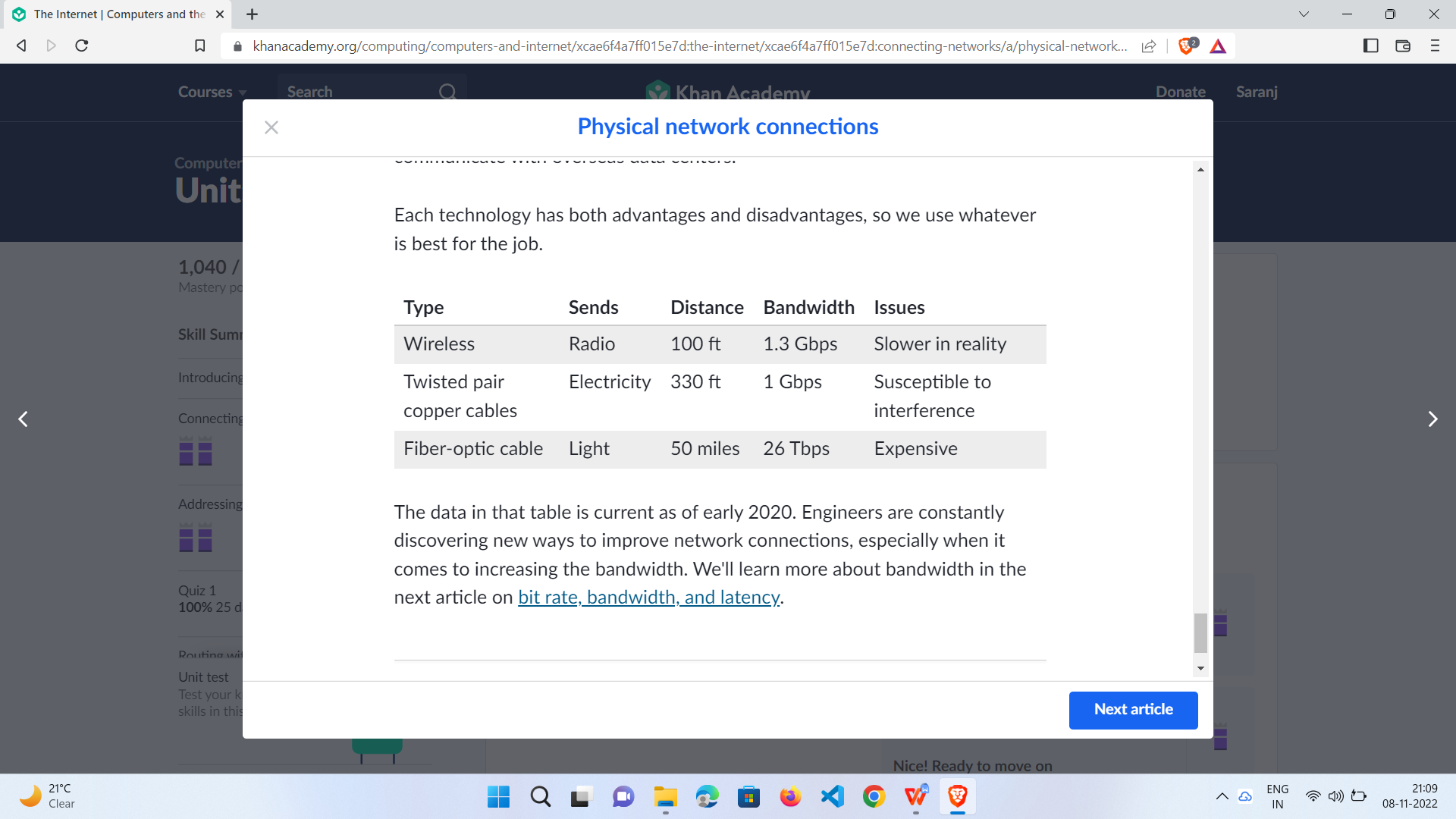
Internet is tangible and physical system used to move information.

The ****Internet**** is a global network of computing devices communicating with each other in some way, whether they're sending emails, downloading files, or sharing websites.

The Internet is an ****open**** network: any computing device can join as long as they follow the rules of the game. In networking, the rules are known as ****protocols**** and they define how each device must communicate with each other.

The Internet is the world's largest computer network.

**Physical Network connection**

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The process of turning binary data into a time-based signal is known as ****line coding****.

### **Bit rate**

The number of bits of data that are sent each second.

### **Bandwidth**

Maximum bit rate of a system.

### **Latency**

Latency (also called the ping rate)  is the time between the sending of a data message and the receiving of that message, measured in milliseconds.We typically measure the "round-trip" latency of a request.