

FCC Fun Call 2

An Activity Booklet
Telecommunications and
Online Safety Tips



Federal Communications Commission
Consumer & Governmental Affairs Bureau
445 12th Street, SW
Washington, DC 20554
fcc.gov/outreach



THE WORD WIDE WEB

S C W J R R P A O X N O A O A D
Z S N O T Z X I A N H N R K I R
E J E F B A K P O E W H E M D O
M N O L T E C H N O L O G Y E W
C I C K E T N O V C G B W T M S
P Y K R M R H I O Y G R E E L S
X M B L Y P I N L N P O B F A A
Q O L E T P N W I N A A P A I P
E Z T R R E T H K W O D A S C T
J M A D C S S I E I Y B G V O I
F M A T K I P R I F K A E E S X
S T E I H X U A R I V N W N X G
A D K P L C P Q C O O D J Y W C
L L A W E R I F K E Y B O A R D
L W Q S Y C A V I R P M O U S E
C P Z Z Q W X I M W N P J L H D

WORD FIND

BROADBAND

CONNECTED

CYBERSPACE

DATA

EMAIL

ENCRYPT

FIREWALL

KEYBOARD

MOUSE

ONLINE

PASSWORD

PHISHING

PRIVACY

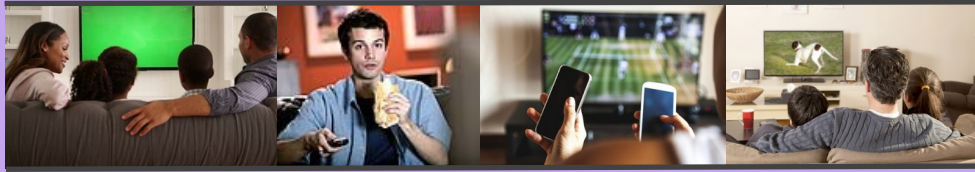
SAFETY

SECURE

SMARTPHONE

SOCIALMEDIA

TECHNOLOGY



Telecom Trivia

1. The longest underwater telephone cable is 9,415 miles long, and runs from:

- A) Japan to Chile
- B) Canada to Australia
- C) Brazil to Spain
- D) Atlantis to the Bermuda Triangle



2. The first webcam was created at Cambridge University in order to:

- A) monitor the weather
- B) watch the front door
- C) check the lab's coffee pot
- D) watch people take trivia quizzes

3. Most international calls today are carried by:

- A) fiber optics and the Internet
- B) satellites
- C) copper wires
- D) carrier pigeons



4. In 1962, the first live TV broadcast by satellite was an image of:

- A) the White House
- B) the Statue of Liberty
- C) the Empire State Building
- D) a purple, singing dinosaur

Wi-Fi & What You Need To Know

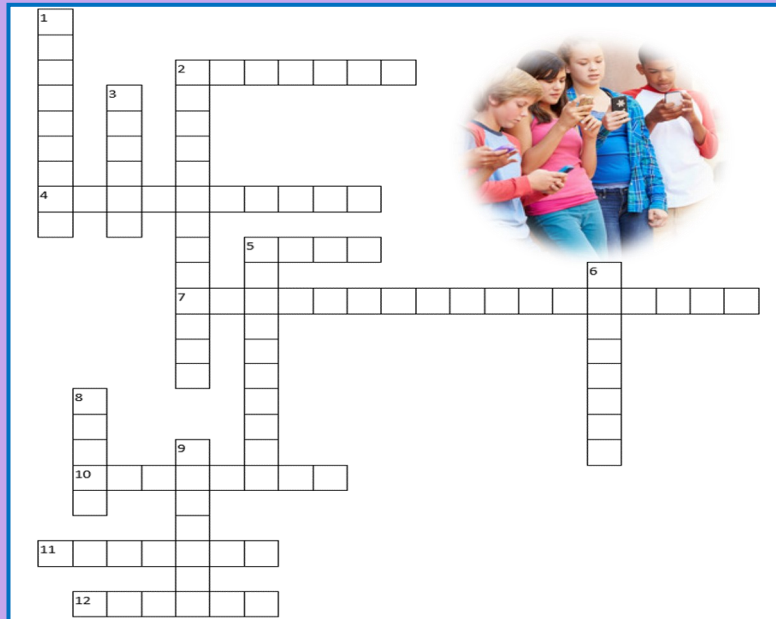
Wireless local area networking commonly known as “Wi-Fi”, enables computers, phones and other devices to interconnect without wiring.



Many stores and restaurants offer “free Wi-Fi” to customers, but you should be careful when connecting to Wi-Fi networks that are not secured with password or other protections. To keep yourself safe from hackers, be sure to take the following steps:

- Confirm the correct Wi-Fi name of the store or restaurant when trying to use their Wi-Fi signal.
- Make sure any websites you visit over Wi-Fi have “https:” at the beginning, to ensure that your communications are encrypted.
- Change the settings on your device so that it does NOT automatically connect with available Wi-Fi signals.
- Consider downloading an app that requires your web browsers to use encryption.
- When sending sensitive data, turn off your Wi-Fi setting and opt to use your cellphone data plan instead.

Telecommunications Crossword Puzzle



Questions:

Across

2. Connect this to your device to recharge its battery
4. What "tech" is usually short for
5. A written message sent on your phone is a ____ message
7. Phones, computers and other devices you use to communicate electronically is ____ technology
10. The information network connecting computers around the world
11. Adjust your _____ settings so others can't steal your information
12. When using the Internet, remember: _____ first!

Down

1. Short-range technology used to connect wireless devices (such as speakers or earphones)
2. Federal _____ Commission
3. A piece of equipment made for a special purpose (rhymes with "dry ice")
5. An electronic display you watch shows on at home (No, not your phone or computer)
6. A secret code you must provide to access your computer accounts
8. A device that lets you listen to sound broadcasts over airwaves.
9. Please leave your _____ after the beep.

Answer Choices:

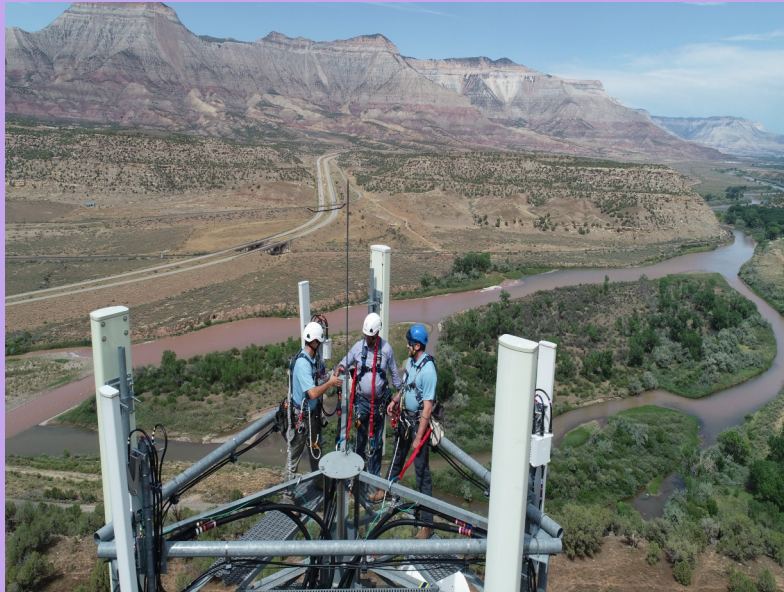
Across

2. Charger
4. Technology
5. Text
7. Telecommunication
10. Internet
11. Privacy
12. Safety

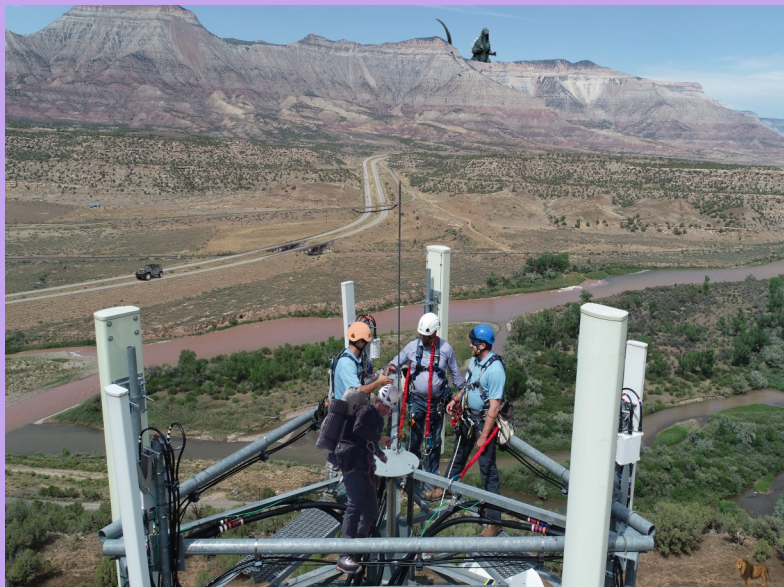
Down

1. Bluetooth
2. Communications
3. Device
5. Television
6. Password
8. Radio
9. Message

Find The Changes



Can you find the differences between the 2 pictures?



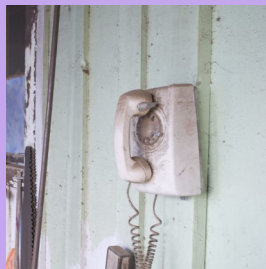
Fun Facts

The first text message ever sent was "Merry Christmas", sent on December 3, 1992. Thus, the tradition of sending people holiday greetings on the wrong day was started.

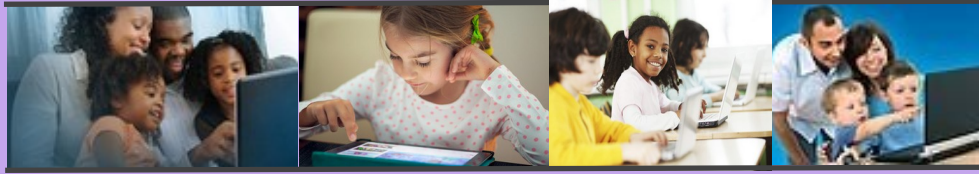


The first radio broadcast was on Christmas Eve, 1906, by Canadian inventor Reginald Fessenden. Ships all around the Atlantic Ocean and Caribbean Sea heard his broadcast of a Christmas concert. Even the fish were reportedly impressed.

The first television remote control became available in 1950, and was attached to the TV set with a wire. Before that, to change the channel, you had to convince a relative to do it for you.



The telephone is the most profitable invention in U.S. history, and because of robocalls.



Online Safety

While the Internet provides a lot of tools and resources, it also offers opportunities for criminals and predators. When using the Internet, here are a few things to keep in mind in order to protect yourself:

Personal Information: talk to a trusted adult before providing any website with your full name, address, phone number, birthday, or other information that could be used by strangers to find you or impersonate you.



Passwords: don't use the same password for multiple accounts or websites. Also, don't allow web browsers to remember passwords for you, as that saves them where a hacker might find them.

Photos: remember that pictures posted on the Internet may be there forever, so don't post any pictures that you would not want future employers to see.



Privacy Settings: change your social media privacy settings so that only your friends and family can see your personal data and sensitive posts.

For more material or information:

Visit: www.fcc.gov/outreach

Contact: Alma Hughes (Alma.Hughes@fcc.gov)

Chantal Virgile (Chantal.Virgile@fcc.gov)

David Savolaine (David.Savolaine@fcc.gov)