Telecommunications for Young Explorers

Telecommunications · Answer Key · 12 Questions

1. What is the name of the long, thin glass wire that carries internet signals using pulses of light?

A) Fiber optic cable
B) Copper wire
C) Garden hose
D) Metal pipe

2. Which invention by Alexander Graham Bell allowed people to speak to each other from far away?

A) The telescope
B) The telephone
C) The typewriter
D) The radio

3. What type of invisible waves are used by mobile phones to talk to cell towers?

A) Water waves
B) Sound waves
C) Radio waves
D) Light waves

4. What do we call the large machines in space that beam signals back down to Earth?

A) Airplanes
B) Satellites
C) Helicopters
D) Balloons

5. Before we had modern phones, what device used short and long beeps called Morse code to send messages?

A) The telegraph
B) The typewriter
C) The compass
D) The printer

6. What part of a mobile phone converts your voice into electronic signals?

A) The battery
B) The screen
C) The microphone
D) The speaker

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7. What does the 'Wi' in Wi-Fi stand for?

A) Wireless Fidelity
B) Wide Field
C) World Internet
D) Wave Input

8. Which invention allowed ships at sea to call for help using radio signals?

A) The telegram
B) The radar
C) The wireless telegraph
D) The periscope

9. What kind of tower do phones connect to when you are not using Wi-Fi?

A) Cell tower
B) Water tower
C) Clock tower
D) Bell tower

10. What is the main purpose of an antenna on a radio or phone?

A) To keep it cool
B) To send and receive signals
C) To make it look pretty
D) To help it float

11. Which of these is a fast way to send a written document electronically through a phone line?

A) Postcard
B) Fax machine
C) Courier
D) Typewriter

12. What part of the telephone changes electrical signals back into sound so you can hear a voice?

A) The battery
B) The screen
C) The speaker
D) The antenna

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