

How Does a Cell Phone Work?



Photo Credit: MO Stevens

Many people have cell phones. How do the phones work? They work by sending signals to special cell phone towers.

Let's say you want to call Sam. You dial his phone number. Your phone sends a message to a cell phone tower near you. The message travels by radio wave.

The tower receives the message with the code for Sam's phone. It sends a message to a tower near Sam. That tower then sends a message to Sam's phone.

His phone rings. Now you can talk to him. Hi, Sam!