



Lily loved her mommy's phone. It was like magic! It showed cartoons and let her draw with just a touch.

"Mommy, how does the phone know?" she asked one day. Mommy smiled. "Imagine tiny little runners called **electrons**. When they move, that's **electricity**! It's like a secret power."

Lily's eyes got big. "Like superheroes?"

"Yes! Inside the phone is an invisible web that has those tiny runners running all around."

Lily wiggled her finger. "And my finger?"

"Your finger has a tiny spark too. When you touch the phone, your spark makes little ripples in the web, like when you drop a pebble in water."

"Ripples!" Lily tapped the screen.

"Yes! And the phone has smart helpers called **sensors**. They feel the ripples right away."

"So, it knows where I touched!" Lily said, happy.

"That's right! Your finger sends a secret message to the phone, all because of those tiny runners."

Lily laughed and said, "Wow! My finger is talking to the phone!"

## Vocabulary

**Electricity** is energy that helps things turn on, like lights, toys, and TVs.

**Electrons** are tiny, invisible particles that help create electricity.

**Touch screen's sensors** are tiny helpers that can feel when the electricity changes where you touch.