

Elizabeth W. Krasnoff
Certificate in Sound Healing Final
August 17, 2015

How Do We Hear Vibration?

Vibration is creation and vibration is communication. Through the ear, humans and animals communicate and create all the codes that are necessary for collaboration and survival. Vibration, in essence, is existence.

I was fascinated to learn that vibration pulses like the contractions of birth. It has an expansion, or push, and a contraction, or pull. Even more curious, during the contraction, vibration continues to move forward into space, just as, on cue, an infant travels down the birth canal with the contractions of their mother's body. From this we can understand that vibration is the action of creation.

When we look at how we hear vibration through the human ear, we begin to understand that vibration is communication in a far more fundamental way than words. After all words are different in each culture, they are only markers. The essence is the vibration. Vibration and communication are synonyms in this respect. As the Bible tells us: in the beginning was the word. We were spoken into creation. Lets look at how it works biologically.

We hear sound when sound waves, vibrations pass from the outer ear to the middle ear to the inner ear and arrive at the brain. It is our brain that interprets and "hears" the sound. We "hear" with our brain.

The outer ear is what you can see. The outer ear ends at the eardrum. The middle ear begins next and contains the 3 bones of conduction that transfer the sound to the inner ear, the hammer, anvil and stirrup.

The inner ear has two components, the cochlea and the vestibular system. The cochlea is attached to the hearing nerve that leads to the brain.

Sound waves collect in our outer ear, travelling down the canal and causing the eardrum to vibrate. The middle ear transfers these vibrations to the inner ear via the three bones.

Now it becomes an electrifying moment of alchemy. The inner ear transforms the mechanical vibrations into electrical impulses, or signals, or "code". This is the code that the brain can read. The way that this happens is that the vibrations move the water in our cochlea. We receive the sound into the body's water. The water sloshes back and forth like the waves of an ocean, moving the tiny hairs or "sensory receptors" lining the cochlea. These hairs gather and send the code on to the brain.

Notably, water is the medium that transforms vibration to electrical impulses, or electricity. It is the magic elixir, the conductor between beings, or between humans and their environment.

The endless loop goes like this. Lets take human communication as an example. We have a thought in our head. We electrically signal our thought into speech. Speech turns into vibration. Thought itself turns into vibration. And vibration reaches the ear of the other person and is decoded and turns back into electricity. And then back into vibration again as we speak to each other, hear each others words, and then respond.

Vibration is information. The universe operates by sending information and receiving information in various codes. As all adventurers know, when you have reached a new destination, your survival depends upon the very first thing you will do: establish communication and keep it running. The body or the system develops the most efficient code it can to send and receive information.

The human ear has a spectrum of hearing quoted as being from 20hz to 20,000hz. On Wikipedia, the human voice range is defined as being from 300hz to 3000hz. Each vibration, including the human voice, carries an entire range of human frequency.

This is particularly interesting to me because I have a deafness that drops my hearing capacity to 60% during this range. At 1000-1500hz I am at 60% capacity, and am affected from 250hz to 4000hz, basically the human voice range. I hear less than half of the frequencies in what you are saying. How do I catch your vibration?

It occurs to me that I have had to turn to the subtlest vibrations of all, thought vibrations that occur in silence. I have had to bypass the physical, biological loop. We call this intuition, or telepathy, or any number of words used to describe the fact that we can actually communicate without words. It is a new paradigm of thought, not mirrored in our theology, and only beginning to be studied by our scientists. Stay tuned as we begin to discover and understand the pathways of the subtlest forms of vibration: thought waves, intention.

Vibration is efficiency, communication, creation and seemingly, vibration is essence itself. To study this pulse of energy is to travel the pathways of life itself and its magical interconnectivity.

Sources:

<http://american-hearing.org/disorders/how-we-hear/>

https://en.wikipedia.org/wiki/Hearing_range

https://en.wikipedia.org/wiki/Voice_frequency