



### ***A brief statement on science in Stranger Things:***

Stranger Things is undoubtedly a child of classical sci-fi, but what truly sets it apart from the science fiction of the past is the concept-accurate science, the loveable characters, the homage to other works, its coming of age story, the heart, the gore, the immersion, and dedication that has built each season from the ground up. The creators and the writers have questioned experts and used their own knowledge of physics and biology to create the design and physics of the upside down in a 20-paged docs, but also to understand the type of lab experiments that would lead this fraction of the government to *mess up so badly*. For this to happen, you need consistent consequences—believable ones. Thus, what better way to make your science experiment failure believable than make it science-accurate?...

I have come to realize that nothing in the world of Stranger Things is ever there for shock value, especially after the writers have realized how the audience they've raked in notices *everything*. And I mean everything. There is something for everyone—the psychologists, the D&D nerds, the filmmakers, the fashion icons, the fanartists, the fan editors, the fanfiction writers, the singers, and dare I say, at its core, the scientists and science geeks (me included). The fascinating concept of the upside-down has sparked conversations in real laboratories all over the world, and it's all because of a big idea and a low budget tv show full of the most heart and details you'll ever find. I digress, these small things like Dustin Henderson seemingly forced to break out into song during a life or death situation but in writing it's because his D&D character is a bard (distracts the enemy by

singing), or a worker replacing the battery someplace in the upside-down which may have been because the lab may have been using energy from the upside down for their own experiments- which consequently explains the electrical interferences and light flickers! It's bonkers!

The point is, there truly is something for everyone in a show like this, and how the story has been told is incredibly admirable. If you're interested in learning more about the specific science in stranger things, I've attached some videos and websites below~ enjoy, nerd!

**Read more about the science in Stranger Things in these Web Articles:**

- ★ [WHAT DO WE KNOW ABOUT THE UPSIDE-DOWN THUS FAR?](#)
- ★ [PHYSICS OF THE UPSIDE DOWN-- STRING THEORY](#)
- ★ [Hawkins National Laboratory](#)
- ★ [SCOTT CLARKE'S WISDOM](#)
- ★ [PHINEAS GAGE](#)
- ★ [ELECTROMAGNETISM THEORY-- GOVERNMENT'S USAGE OF UD ENERGY](#)