

I. Introduction

- A. Look up
- B. Universe, Mystery
- C. Year reading
- D. Inspiration, Beauty
- E. Discuss : Theories

II. Body

- A. General Relativity
 - 1. Light Speed
 - 2. Black Holes (Dunbar B from Nasa in May 2015 “Light cannot Escape”)
 - a. No Escape (Vitz Ed in libretext from October 15th 2019 “Radius”)
 - b. Earth 2 cm Diameter
 - c. Bends inward

Transition:

- B. Cosmic Scale
 - 1. 180,000 miles per sec
 - a. Around Earth : To Sun : To other Star
 - b. Galaxy Size: (Maggie Masetti Nasa July 22, 2015 “about 100-400 billion stars”)
 - c. Galaxies in Universe (Brooke, L from Physics news in Jan 2017 “2 Trillion”)

Transition:

- C. Dimensions
 - 1. 11 Dimensions
 - a. String Theory (Myers, J. D. 2017, March 8 “No elementary particles)
 - b. Vibrating Strings
 - c. 6D effect on Strings
 - 2. Simulation?
 - a. Solved Equation
 - b. James Gates : Equations : Graphed binary

Transition:

- D. Multiverse
 - 1. Ball pit
 - 2. Infinite Universes

Transition:

III. Conclusion

- A. Look up : Inspirational
- B. Abstract Beauty
- C. Spiritual? : Relaxing
- D. Sparked Curiosity : Lying down