

Project 2: Levels of Dimension

I want to explore various theories on the existence of dimensions beyond the third and how they interact with our world. There will be a basis of explaining a point, line, 2d space, and 3d space. There will additionally be discussions on what other dimensions could be. If it's religious, like the Christian heaven, the pagan otherworld, or the Buddhist nirvana. Or if it's more science fiction like the concept of "dimension" when referring to parallel or alternate universes. Or other imagined planes of existence. Or a more mathematical and geometrical approach. Experimentation in visualization, such as the 4th dimension Minecraft mod, and the animated tesseract gif, will also be touched on.

Other philosophies will be mentioned, as dimensions can be confined by experience, sense, consciousness, limitations of understanding, and limitations to language. However, they will not be the focus and will appear more as pull quotes. Images and diagrams will be used as visual aids, and I'd like to use the more geometric approaches to the 4th dimension, like the tesseract, as a recurring visual theme.

- Home
 - 0 dimension, the point
- 1st dimension
 - The line
 - visualization
 - 3D modeling programs
- 2nd dimension
 - The square
 - Interactivity
 - bacteria/cells
- 3rd dimension
 - The cube
 - Interactivity
 - The human experience
- 4th dimension
 - The tesseract
 - Visualization
 - Geometry
 - Interactivity
 - Minecraft mod
- Beyond
 - 5-cube, etc...