"...Wonder defined [as it was up to the end of the eighteenth century] as a form of learning – an intermediate, highly particular state akin to a sort of suspension of the mind between ignorance and enlightenment that marks the end of unknowing and the beginning of knowing."

Adalgisa Lugli, "Inquiry as Collection"







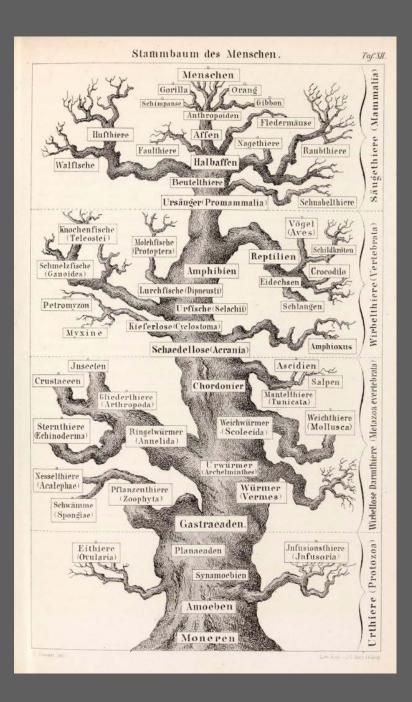


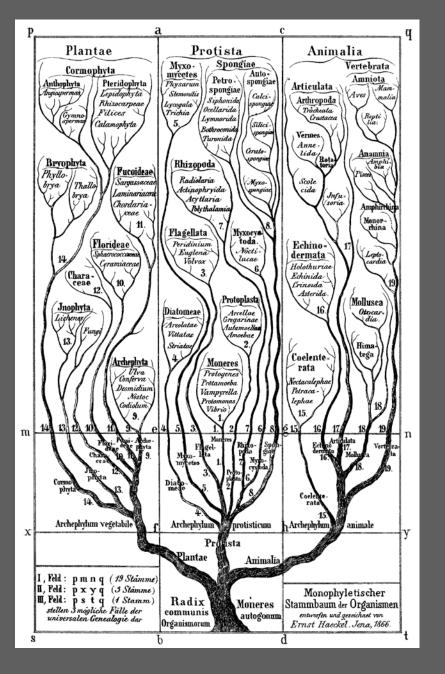


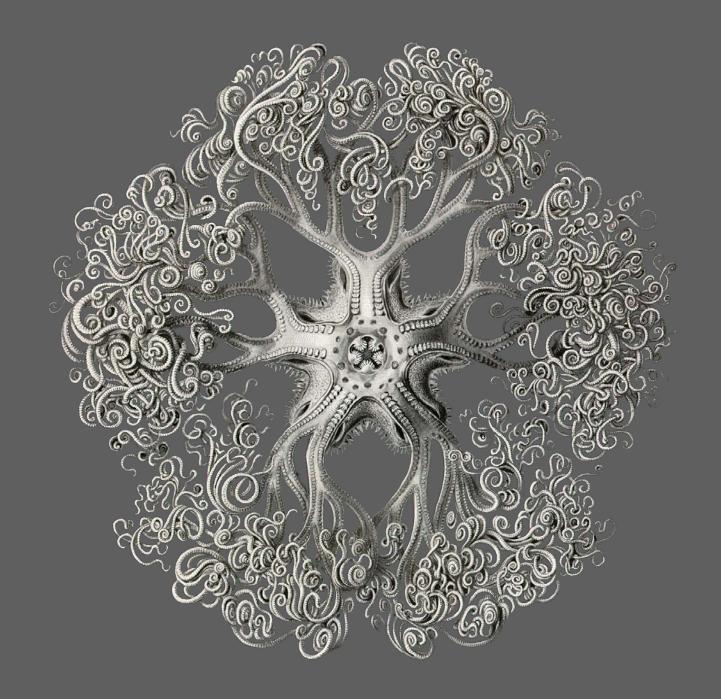


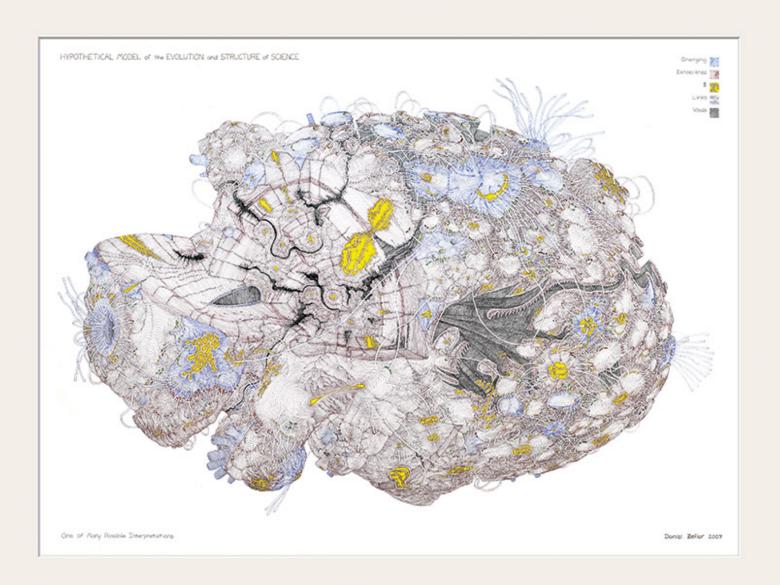


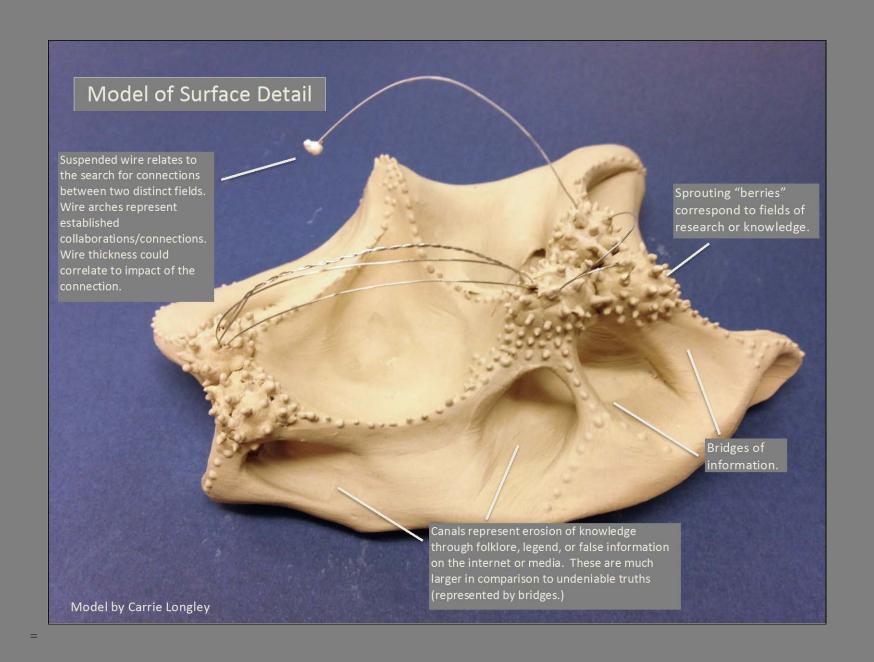


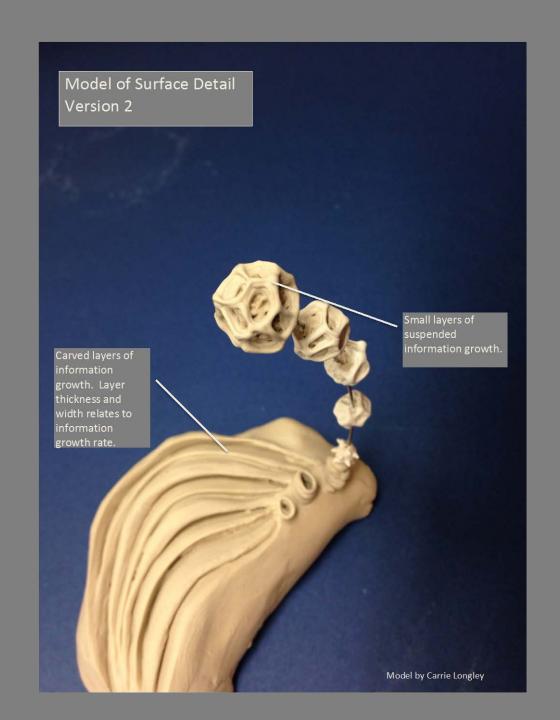






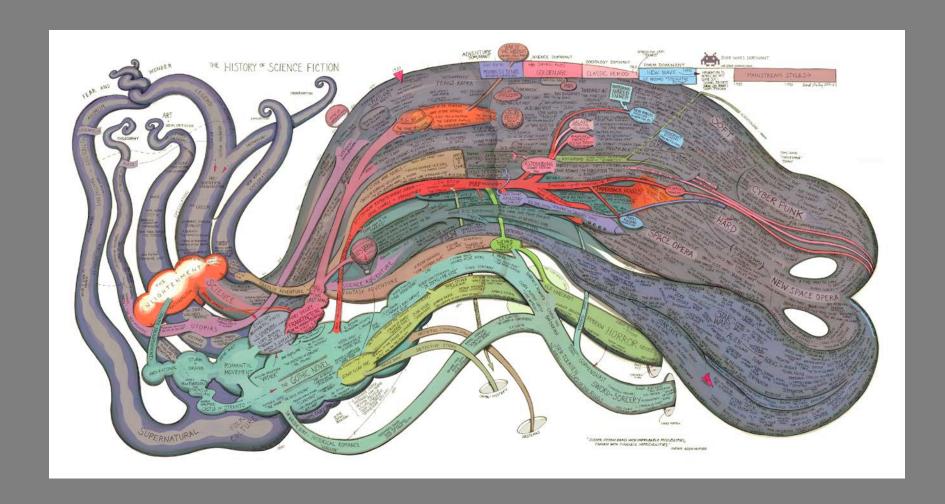








Artist: Ward Shelley
The History of Science Fiction
2011



Prototype 3 (in progress)



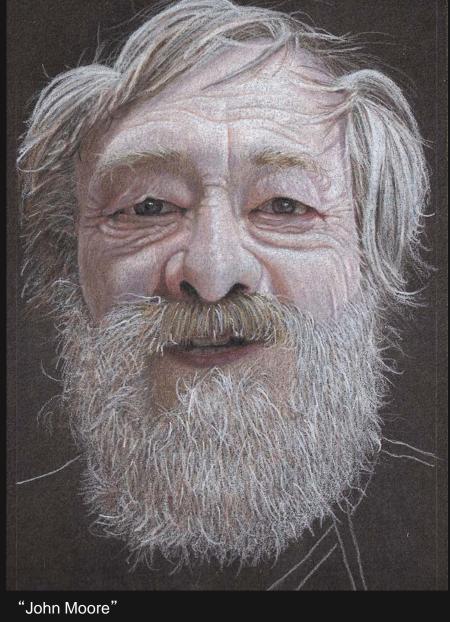


Prototype 3

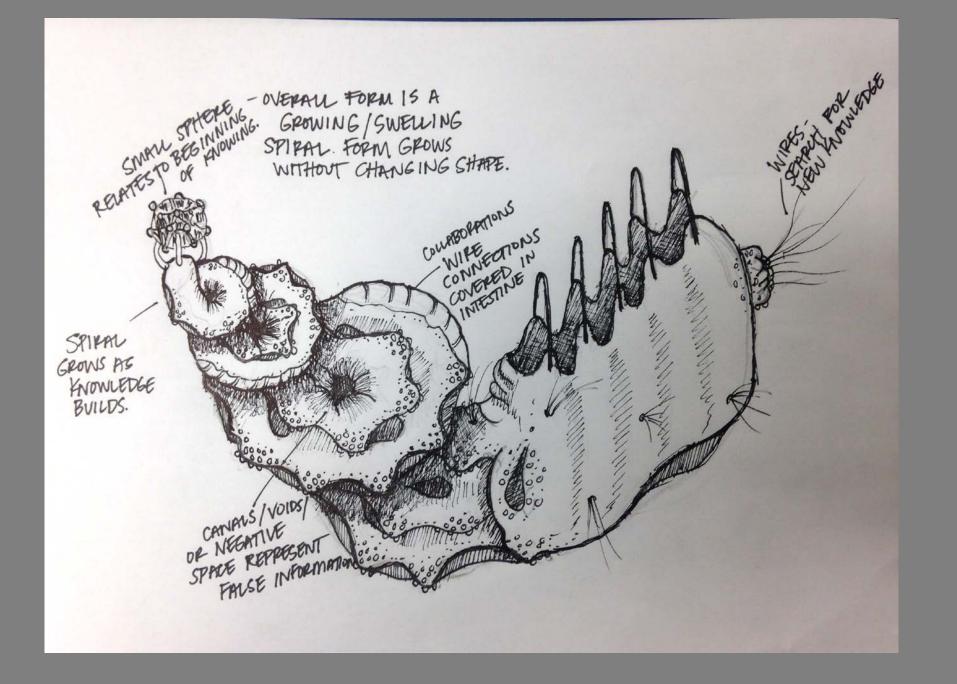




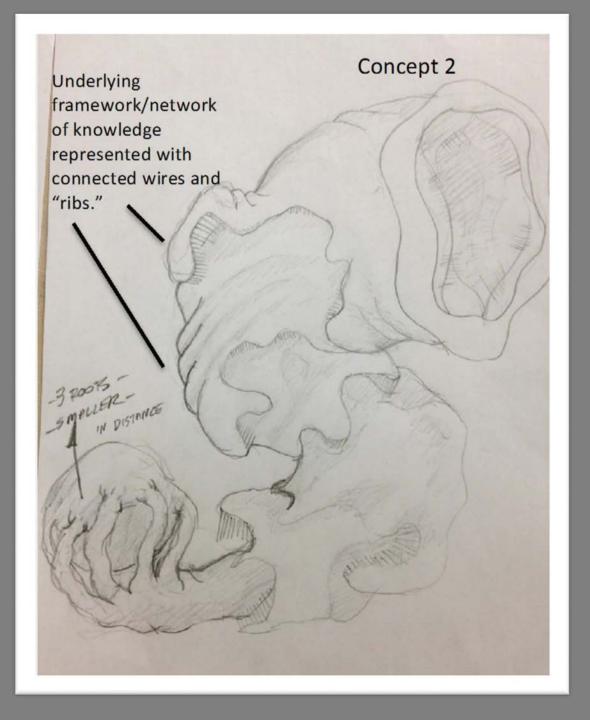


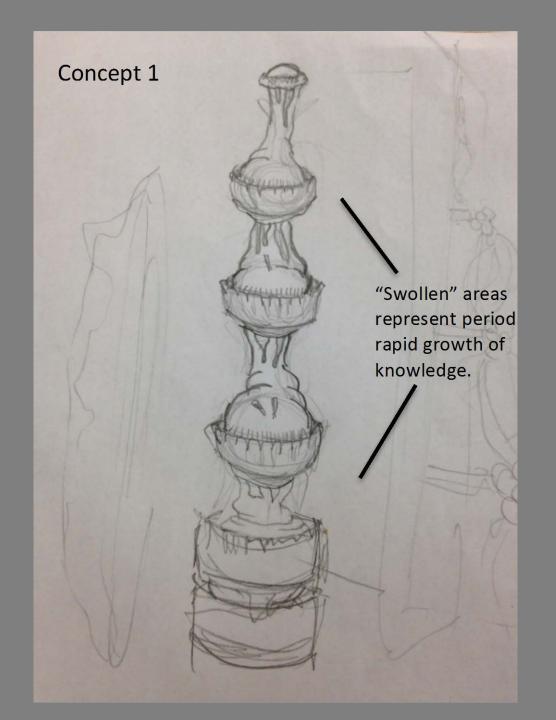


Kevin Longley "Self Portrait"



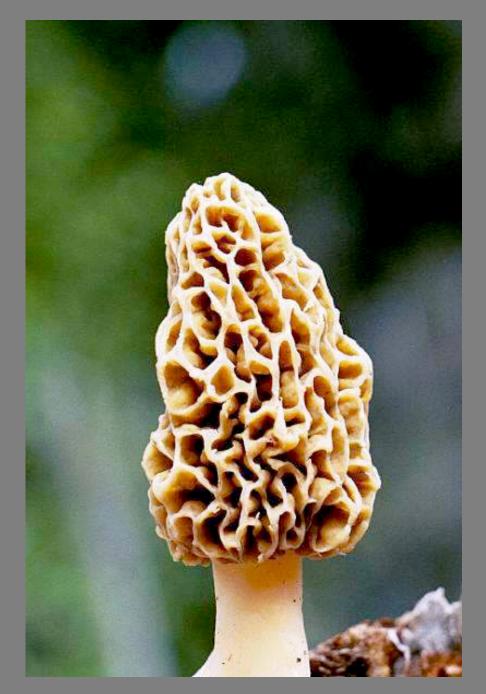




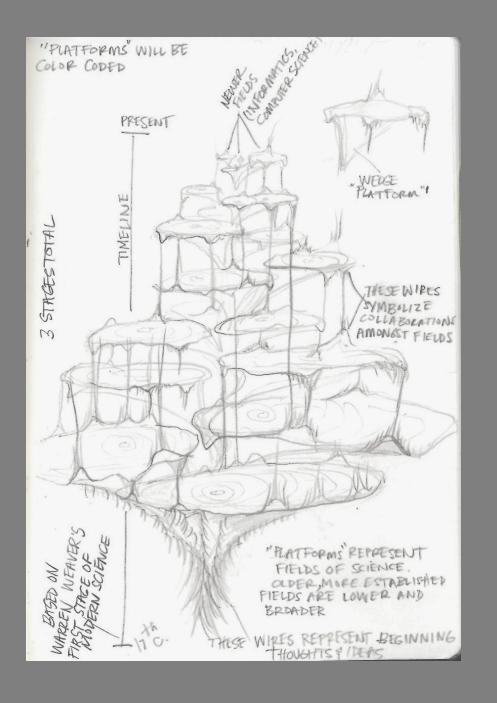


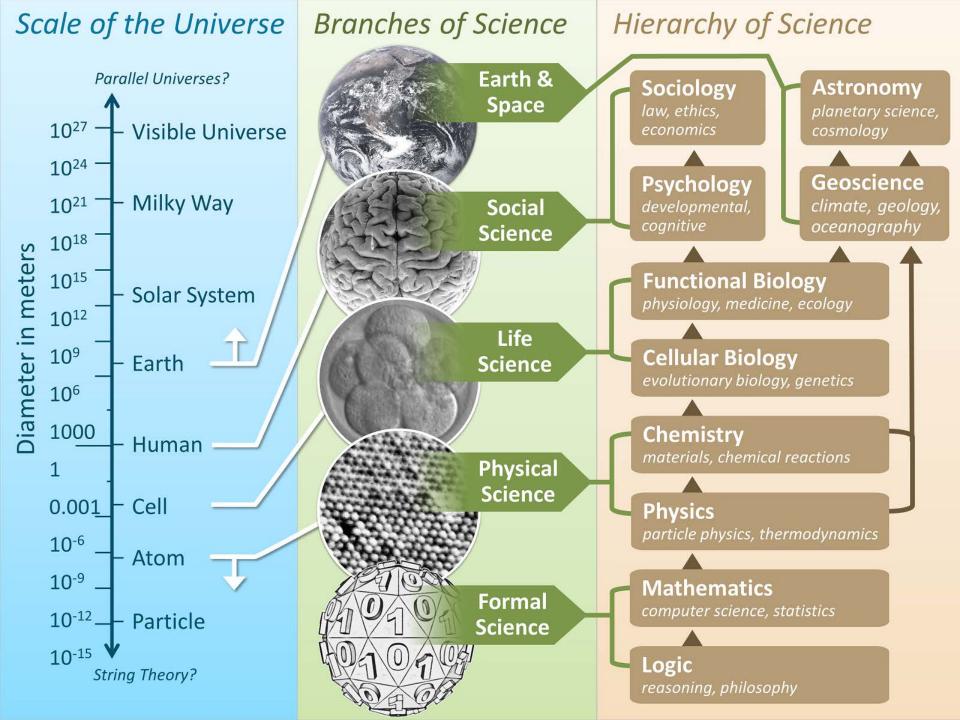


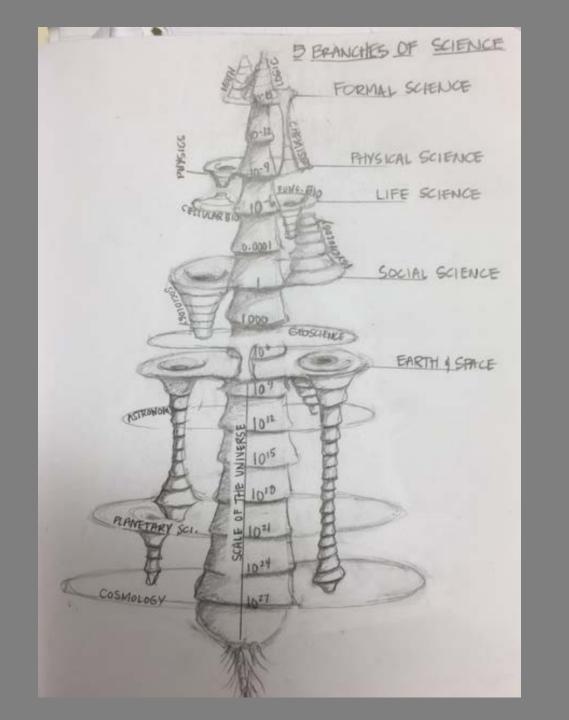


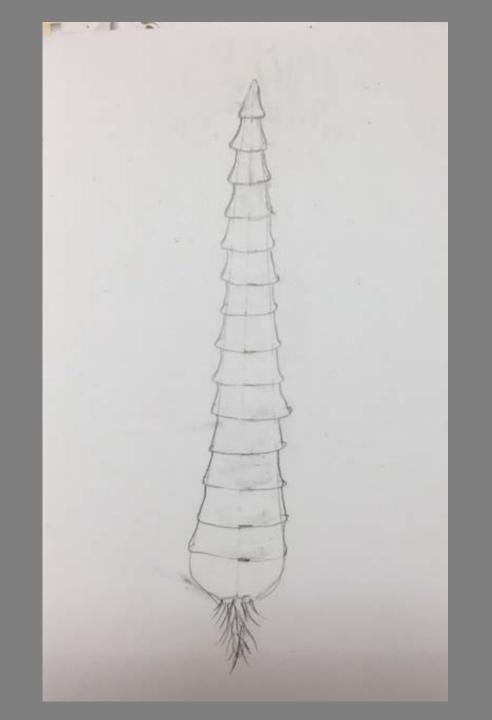


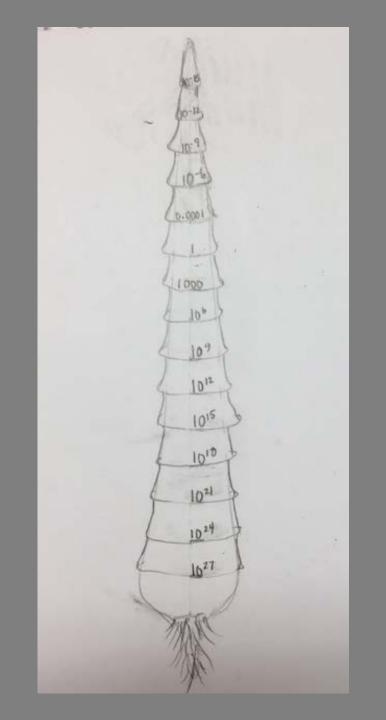






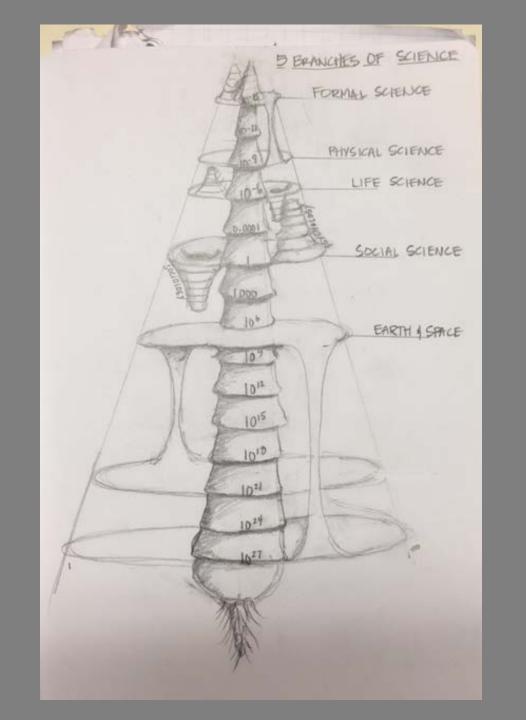














1	Biology	278	62	OliveGreen
2	Biotechnology	301	124	Emerald
3	Medical Specialties	350	177	Red
	Chemical, Mechanical,			
4	& Civil Engineering	217	142	SkyBlue
5	Chemistry	250	230	Blue
6	Earth Sciences	235	48	Mahogany
	Electrical Engineering			
7	& Computer Science	138	196	Lavender
8	Brain Research	410	171	Dandelion
9	Humanities	484	42	Canary
10	Infectious Diseases	359	149	BrickRed
11	Math & Physics	156	229	Mulberry
12	Health Professionals	390	245	Peach
13	Social Sciences	484	147	Yellow



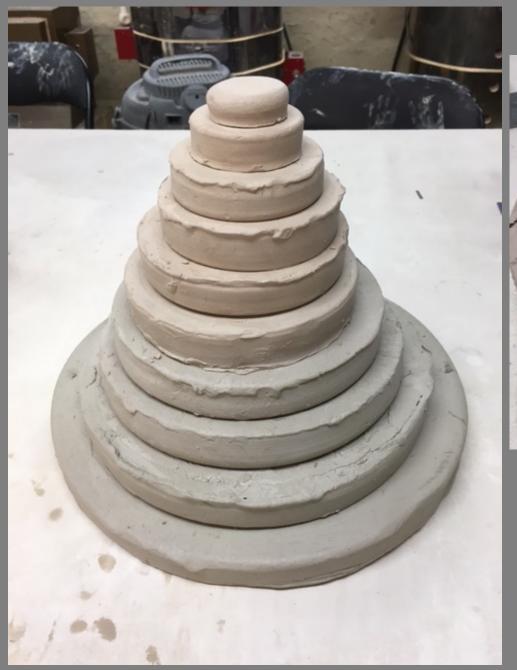




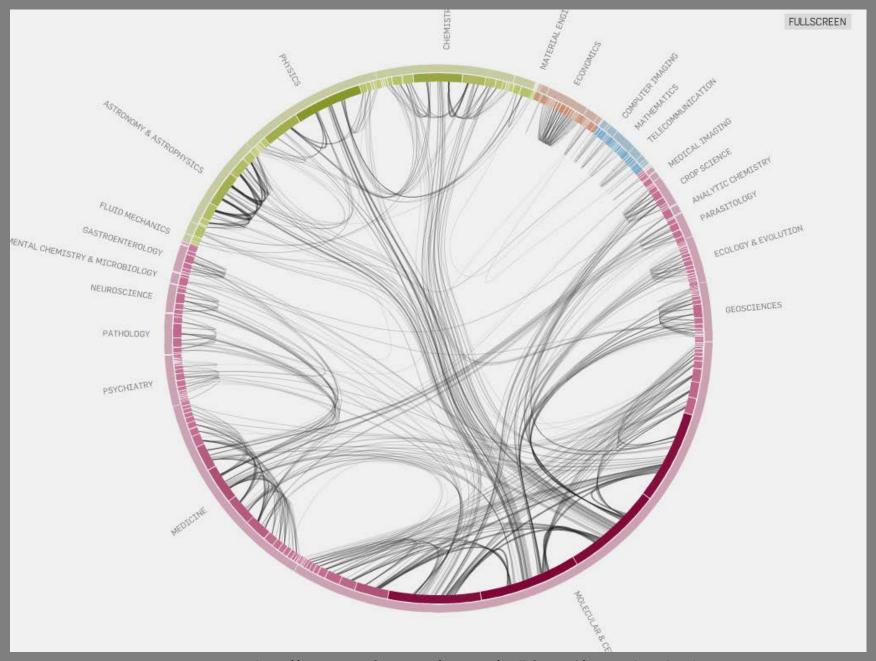












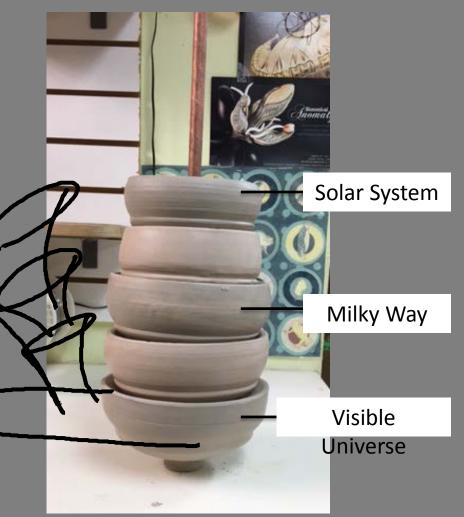
http://www.eigenfactor.org/projects/well-formed/screenshots.html

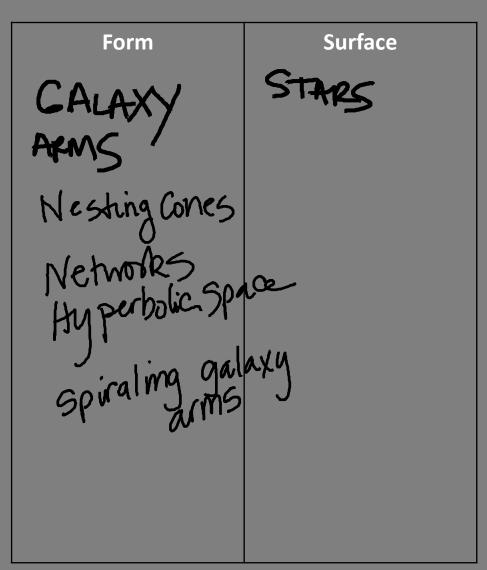
Branch: Earth & Space

Astronomy: the scientific study of stars, planets, and other objects in outer space

Fields: Planetary Science, Cosmology

Color Code: Mahogany





Branch: Earth & Space

Geoscience: Any of the various sciences dealing with the Earth's atmosphere, hydrosphere,

lithosphere, or biosphere.

Fields: Climate, Geology, Oceanography

Color Code: Mahogony



Surface **Form** round +blue like earth Spiraling wavelike geological formation processes spherical + bisected gobstopper) (everlosting gobstopper)

Branch: Social Science

Sociology: is the study of social behavior or society, including its origins, development, organization,

networks, and institutions

Fields: Law, Ethics, Economics

Color Code: Yellow



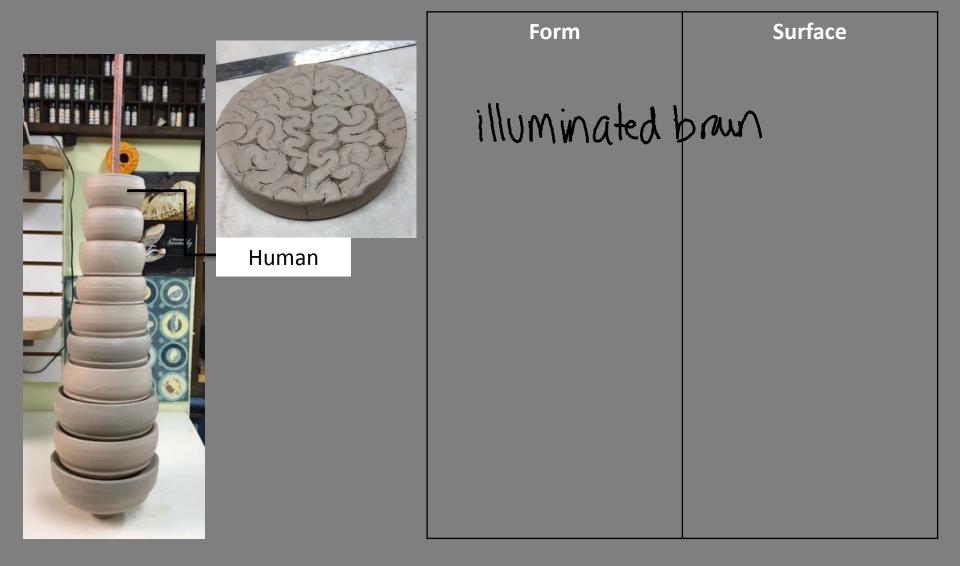
Surface **Form** Coure art rosetta storre human figures as a larger shape

Branch: Social Science

Psychology: is the study of behavior and mind, embracing all aspects of human experience.

Fields: Developmental, Cognitive

Color Code: Yellow



Branch: Life Science

Functional Biology: is the comparative physiology of plants and animals; i.e. comparing the way different kinds of organisms **function** in the context of their structure (anatomy).

Fields: Physiology, Medicine, Ecology

Color Codes: Olive Green, Emerald, Red, Dandelion, Brick Red, Peach



Surface

Branch: Life Science

Cellular Biology: is the study of **cell** structure and function, and it revolves around the concept that the **cell** is the fundamental unit of life. Focusing on the **cell** permits a detailed understanding of the tissues and organisms that cells compose.

Fields: Evolutionary Biology, Genetics



Form	Surface
	00.110.00

Branch: Physical Science

Chemistry: is a branch of physical science that studies the composition, structure, properties and

change of matter.

Fields: Materials, Chemical Reactions

Color Code: Blue



Form	Surface

Branch: Physical Science

Physics: is the natural science that involves the study of matter and its motion through space and

time, along with related concepts such as energy and force.

Fields: Particle Physics, Thermodynamics

Color Code: Mulberry



Surface

Branch: Formal Science

Mathematics: is the study of topics such as quantity (numbers), structure, space, and change.

Fields: Computer Science, Statistics, Informatics

Color Code: Mulberry



Form	Surface

Branch: Formal Science

Logic: systematic study of the principles of valid inference and correct reasoning.

Fields: Philosophy, Semantics, Ethics, Metaphysics

Color Code: Mulberry



Additional Considerations...

Emerging Fields

- Neuroparasitology
- 2. Quantum Biology
- 3. Exo-meteorology
- 4. Nutrigenomics
- 5. Cliodynamics
- 6. Synthetic Biology,
- 7. Recombinant Memetics,
- 8. Computational Social Science
- 9. Cognitive Economics
- 10. Organic Electronics
- 11. Quantitative Biology

Knowledge Voids

Organization: Do fields need to be arranged in order by scale of research subject?

Interactive Component: Marble run

- Strength of material
- Marble most appropriate?