worlds and culture

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underlying principles
everything is connected
PROXIMITY
Objects that are close together will be grouped together visually.

SIMILARITY
Two items that share attributes will be visually grouped together.

CLOSURE
The Brain is good at filling in gaps to create a whole.

CONTINUATION
A line will always appear to continue travelling in the same way.

FIGURE & GROUND
Sometimes, the blank space is just as important as the filled space.

PRINCIPALS OF VISUAL PERCEPTION
identifiable traits
the city planet
the idyllic retro world
Wolf: 5 layers

- Nature
- Culture
- Language
- Mythology
- Philosophy
building on each other

• Nature: laws of physics, litosphere, atmosphere, hydrosphere, biosphere
• Culture: built atop nature; partly determined by what nature provides, as well as the culture’s own history in the world (incl. historiography & architecture)
• Language: arises from culture, contains worldview, regulates what can be expressed (and how), basis for collective concepts of a world
• Mythology: how a culture understands, explains, and remembers its world
• Philosophy: set of worldviews arising from the world itself
Created Languages

• In Eunoia, the language devised by poet Christian Bök for the television program Earth: Final Conflict (1997), there is no past tense, and concepts and their polar opposites are embodied together (like “war” and “peace”).

• Languages and words are also often a source of knowledge and power within their worlds. For example, George Orwell’s Nineteen Eighty-Four includes an Appendix on the principles of Newspeak, the official language of Oceania which aims to limit thought by limiting vocabulary.

• Easier step: Alphabets
three tools

• maps: structure space and connect a world’s locations together in a culture-specific way
• timelines: chronological sequences of events and their temporal/causal relation
• Genealogies: show how cultures, races, characters are related to each other
different cultures
the (time) abyss
The Noble and Most Ancient House of BLACK

(there are many stories between the lines)

unknown

| Phineas Nigellus (1847–1926) | Ursula Flint | Elladora (1850–1931) |

unknown

| Violetta Bulstrode | Belvina (1886–1962) | Herbert Burke |

unknown

| Dorea (1920–1977) | Charles Potter |

unknown

| Arcturus (1884–1959) | Lysandra Yaxley |

unknown

| Callidora (1915–) | Harfang Longbottom |

unknown

| Charis (1919–1973) | Caspar Crouch |

Mrs. Black (?–c.1985) Mr. Black (deceased)


Mrs. Black (deceased) Mr. Black (deceased)

| Bellatrix (1950s–) | Andromeda (1950s–) disowned | Narcissa (1950s–) |

credits: Crest by J.K. Rowling; chart by El Cronista and Lisa Bunker for the Harry Potter Lexicon.
The Line of the Dwarves of Erebor
Source: Appendix A: J.R.R. Tolkien “Return of the King”

*DURIN the DEATHLESS (1st Age) First King of the Longbeards.
  Built Khazad-Dûm (later Moria)
  Balrog roused from depths. Durin slain.
  *DURIN VI (3rd Age)
    1731 - 1980
  *NÁIN I
    1832 - 1981
    Slain by Balrog
  *THRÁIN I
    1934 - 2190
    Fled to Erebor. Found Arkenstone 1999
  *THORIN I
    2035 - 2289
    Moved to far north of the Grey Mountains
  *GÍLIN
    2136 - 2385
  *ÓIN
    2238 - 2488
  *NÁIN II
    2338 - 2585

Dragons grew strong in the wastes beyond
Grey mountains and waged war on dwarves

  *DÁIN I Slain by dragon
    2440 - 2589
  BORIN
    2450 - 2711

  *THRÓR
    2542 - 2790
    Returned his people to Erebor, 2590
  FRÓR
    2552 - 2589
    Slain by dragon
  GRÓR
    2563 - 2805

  *THRÁIN II
    2644 - 2850
  *THORIN II
    OAKENSHIELD
    2746 - 2941

  *DAÍN II
    2665 - 2799
  NÁIN
  FUNDIN
  GROIIN

  FRÉRIN
  DIS
  IRONFOOT
  2767 - 3019

  BALIN
  DWALIN
  ÓIN
  GLOIN

  2763 - 2994
  2772 - 3112
  2774 - 2994
  2783 - 4th Age 15

  FILI
  2839 - 2941

  KÍLI
  2864 - 2941

  *THORIN III
  STONEHELM
  2866

  GIMLI
  ELF FRIEND
  2879 - 3121 (4th Age 100)

  1999 - Foundation of Erebor by Thráin
  2589 - Dán I slain by a dragon.
  2590 - Return to Erebor
  2770 - Sack of Erebor by Smaug
  2790 - Murder of Thráin at Moria by Azog
  2790-3 - Mustering of the Dwarves.

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  *Kings of Durin's Folk. Durin II (no record), Durin III (2nd Age: First bearer of one of the seven Rings). Durin IV (Lived in Khazad-Dûm end of 2nd Age/Start of 3rd Age). Durin V (no record). Durin VI (Khazad-Dûm. Deep mining of mithril aroused the Balrog who killed him. Balrog also know as Durin's bane)
Elvish Blood

“To give you an idea of how miniscule of an amount this is, if I mixed a single drop of my blood, a volume of 0.0357 mL, into Lake Erie, with a water volume of 4.8x10^14 L, Lake Erie would have about as much "me" in it as Aragorn has "Elf" in him.”
timelines
1501: Baggins finds Bag End 2051: First appearance of Ringwraiths
1502: The First Field of Helmsdeep 2501: 3261: Sauron taken captive by Ar-Pharazon
1503: Third Field of Helmsdeep 3001: Founding of Númenor 1000: Wizards arrive in Middle Earth
1504: Fourth Field of Helmsdeep 3319: 3434 - 3441: Battle of the Last Alliance
1505: Fifth Field of Helmsdeep 3441: First defeat of Sauron 1000: Shírs founded
1506: Sixth Field of Helmsdeep 1507: 1974: Last kingdom of Amnor conquered by Angmar
1508: Seventh Field of Helmsdeep 1509: Durin's Bane awakens in Moria
1510: Eighth Field of Helmsdeep 2050: Last King of Gondor dies 1980: Durin's Bane awakens in Moria
1550: Ninth Field of Helmsdeep 2941: Bilbo finds the One Ring 2941: Death of Smaug
1577: Tenth Field of Helmsdeep 3019: Final defeat of Sauron 120: Death of King Ellesar
These charts show movie character interactions. The horizontal axis is time. The vertical grouping of the lines indicates which characters are together at a given time.

Lord of the Rings

Star Wars (Original Trilogy)

Jurassic Park

12 Angry Men

Primer
MYTHOLOGY
Today it’s religion, tomorrow it’s fable.

Howard David Johnson
ILLUSTRATION
GREEK MYTHOLOGY
UNIVERSAL RATIOS.
All dimensions are pressure dimensions.
All dimensions simultaneously expand and contract in opposite directions of the same ratio.

With distance, plane, and area dimensions given, any planet or satellite in the solar system can be measured in all of its dimensions by contracting or expanding the standard units of this planet in universal ratios.

Any relative dimension in any position within a mass can be determined by applying the laws of universal ratios to that position.

THE LAWS.
+ Expansion pressure is in direct ratio to the square of the distance, degree, area, plane, orbit or time unit, & to the cube of the volume.
+ Contraction pressure is in inverse ratio to the square of the distance, degree, area, plane, orbit or time unit, & to the cube of the volume.

Every mass in the universe occupies a measurable potential position.

THE FORMULA OF THE LOCKED POTENTIALS IN UNIVERSAL RATIOS

DIMENSION CHART No. 2. NATURE DIVIDES ALL OF HER EXPRESSIONS OF ENERGY INTO OCTAVES AND TONES OF EQUAL CONSTANTS OF UNEQUAL DIMENSIONS. THE DIMENSIONAL RELATIONS OF OCTAVES AND TONES VARY IN RATIOS WHICH ARE ABSOLUTE AND UNIVERSAL.
The equator which divides you is the still Light which divides all creating things but which, in itself, cannot be divided.

Perhaps you will meditate upon this subject with us and ask of yourself what significance the equator of your body has upon your health, happiness, success or other incidents of your life. There must be some vast significance to this one fact because every creating unit of organic and inorganic matter is similarly divided, every insect, plant, corpuscle of animal, vegetable or mineral matter, and every star, sun or planet in the heavens. See accompanying diagrams.

The vast significance of the equators of all creating things lies in the fact that the equators are the dividing planes of the universal equilibrium. They, therefore, represent the undivided, the unchanging spiritual Light from which the physical bodies of all things are extended.

The zero which is the center of gravity of all bodies centers the equators of all material bodies. Gravity is the desire force in Mind
cities