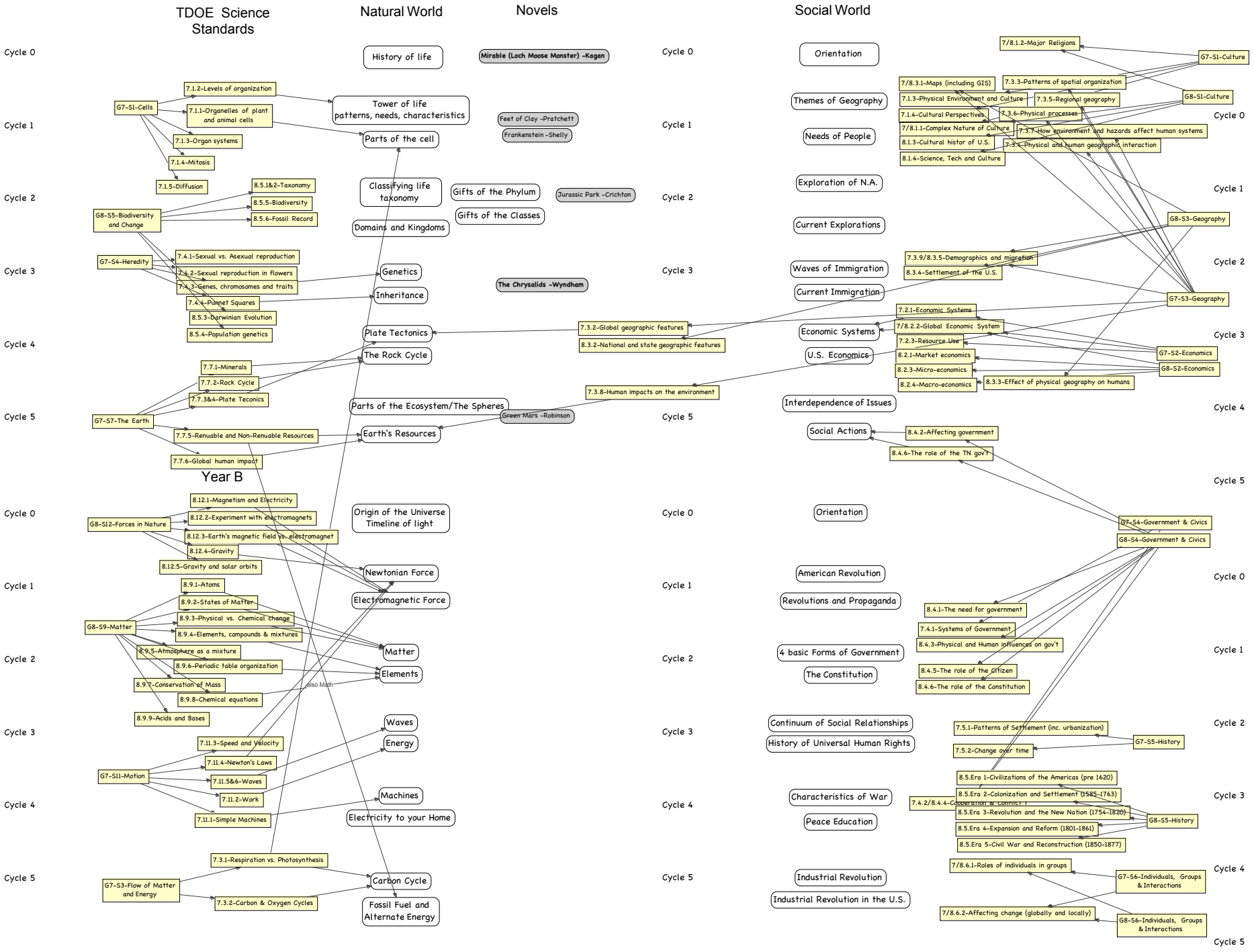
Year A


TDOE Science Standards
Natural World
Novels
Social World
Cycle 0
Cycle 1
Cycle 2
Cycle 3
Cycle 4
Cycle 5
History of life
Mirable (Loch Moose Monster) -Kagan
7.1.2-Levels of organization
G7-S1-Cells
7.1.1-Organelles of plant and animal cells
7.1.3-Organ systems
7.1.4-Mitosis
7.1.5-Diffusion
Tower of life patterns, needs, characteristics
Parts of the cell
Feet of Clay -Pratchett
Frankenstein -Shelly
8.5.1&2-Taxonomy
8.5.5-Biodiversity
8.5.6-Fossil Record
G8-S5-Biodiversity and Change
Classifying life taxonomy
Gifts of the Phylum
Gifts of the Classes
Jurassic Park -Crichton
Domains and Kingdoms
7.4.1-Sexual vs. Asexual reproduction
7.4.2-Sexual reproduction in flowers
7.4.3-Genes, chromosomes and traits
7.4.4-Punnet Squares
8.5.3-Darwinian Evolution
8.5.4-Population genetics
G7-S4-Heredity
Genetics
Inheritance
The Chrysalids -Wyndham
7.7.1-Minerals
7.7.2-Rock Cycle
7.7.3&4-Plate Teconics
7.7.5-Renuable and Non-Renuable Resources
7.7.6-Global human impact
G7-S7-The Earth
Plate Tectonics
The Rock Cycle
Earth's Resources
Parts of the Ecosystem/The Spheres
Green Mars -Robinson
7.3.2-Global geographic features
8.3.2-National and state geographic features
7.3.8-Human impacts on the environment
Orientation
Themes of Geography
Needs of People
Exploration of N.A.
Current Explorations
Waves of Immigration
Current Immigration
Economic Systems
U.S. Economics
Interdependence of Issues
Social Actions
7/8.1.2-Major Religions
G7-S1-Culture
7/8.3.1-Maps (including GIS)
7.3.3-Patterns of spatial organization
7.1.3-Physical Environment and Culture
7.3.5-Regional geography
G8-S1-Culture
7.1.4-Cultural Perspectives
7.3.6-Physical processes
7/8.1.1-Complex Nature of Culture
7.3.7-How environment and hazards affect human systems
8.1.3-Cultural histor of U.S.
7.3.4-Physical and human geographic interaction
8.1.4-Science, Tech and Culture
G8-S3-Geography
7.3.9/8.3.5-Demographics and migration
8.3.4-Settlement of the U.S.
G7-S3-Geography
7.2.1-Economic Systems
7/8.2.2-Global Economic System
7.2.3-Resource Use
G7-S2-Economics
8.2.1-Market economics
8.2.3-Micro-economics
G8-S2-Economics
8.2.4-Macro-economics
8.3.3-Effect of physical geography on humans
8.4.2-Affecting government
8.4.6-The role of the TN gov't
Year B
8.12.1-Magnetism and Electricity
8.12.2-Experiment with electromagnets
8.12.3-Earth's magnetic field Vs. electromagnet
8.12.4-Gravity
8.12.5-Gravity and solar orbits
G8-S12-Forces in Nature
Origin of the Universe Timeline of light
Newtonian Force
Electromagnetic Force
8.9.1-Atoms
8.9.2-States of Matter
8.9.3-Physical vs. Chemical change
8.9.4-Elements, compounds & mixtures
8.9.5-Atmosphere as a mixture
8.9.6-Periodic table organization
8.9.7-Conservation of Mass
8.9.8-Chemical equations
8.9.9-Acids and Bases
G8-S9-Matter
Matter
Elements
Also Math
7.11.3-Speed and Velocity
7.11.4-Newton's Laws
7.11.5&6-Waves
7.11.2-Work
7.11.1-Simple Machines
G7-S11-Motion
Waves
Energy
Machines
Electricity to your Home
7.3.1-Respiration vs. Photosynthesis
7.3.2-Carbon & Oxygen Cycles
G7-S3-Flow of Matter and Energy
Carbon Cycle
Fossil Fuel and Alternate Energy
Orientation
American Revolution
Revolutions and Propaganda
4 basic Forms of Government
The Constitution
Continuum of Social Relationships
History of Universal Human Rights
Characteristics of War
Peace Education
Industrial Revolution
Industrial Revolution in the U.S.
G7-S4-Government & Civics
G8-S4-Government & Civics
8.4.1-The need for government
7.4.1-Systems of Government
8.4.3-Physical and Human influences on gov't
8.4.5-The role of the citizen
8.4.6-The role of the Constitution
7.5.1-Patterns of Settlement (inc. urbanization)
7.5.2-Change over time
G7-S5-History
8.5.Era 1-Civilizations of the Americas (pre 1620)
8.5.Era 2-Colonization and Settlement (1585-1763)
7.4.2/8.4.4-Cooperation & Conflict
8.5.Era 3-Revolution and the New Nation (1754-1820)
8.5.Era 4-Expansion and Reform (1801-1861)
8.5.Era 5-Civil War and Reconstruction (1850-1877)
G8-S5-History
7/8.6.1-Roles of individuals in groups
G7-S6-Individuals, Groups & Interactions
7/8.6.2-Affecting change (globally and locally)
G8-S6-Individuals, Groups & Interactions