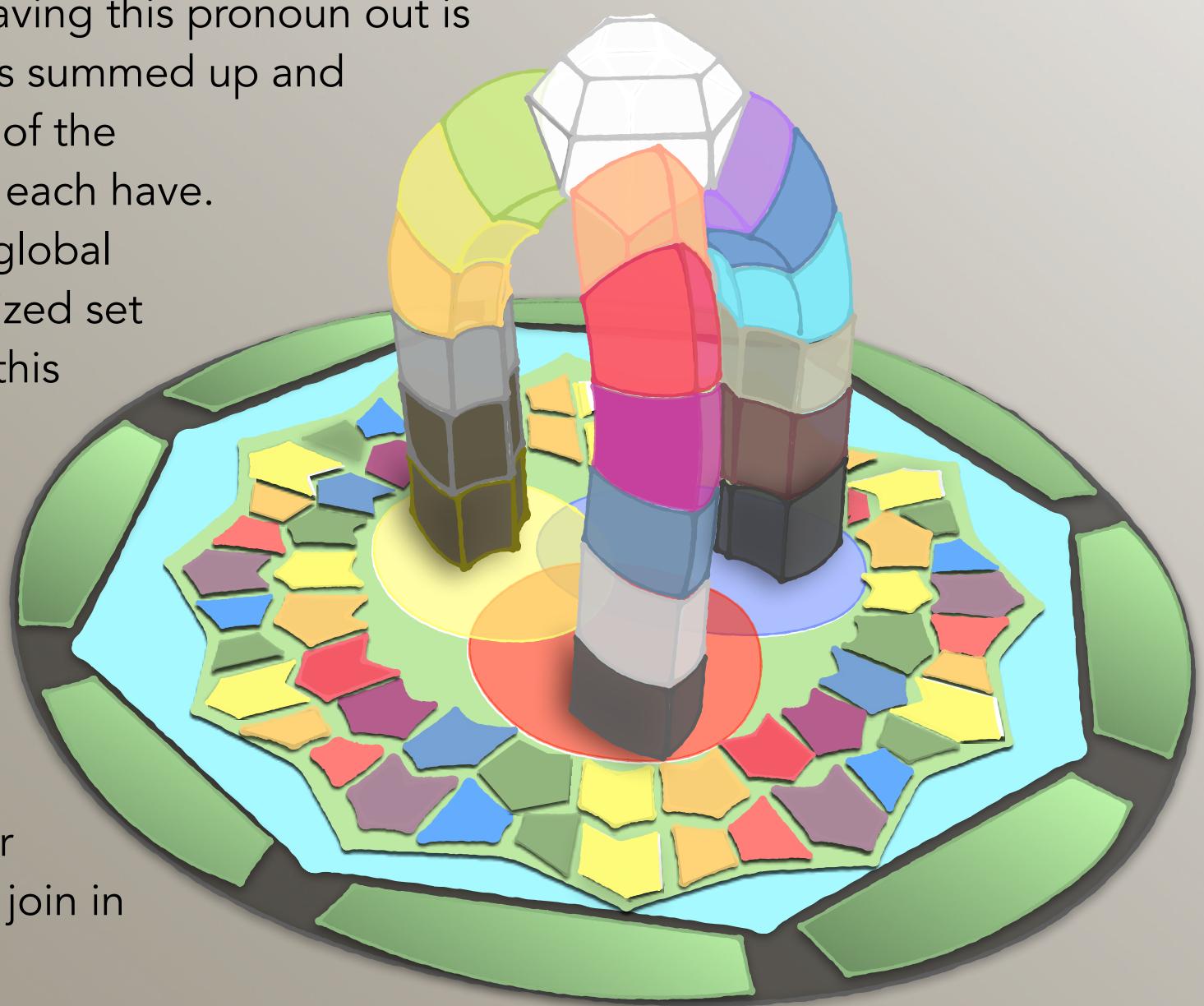
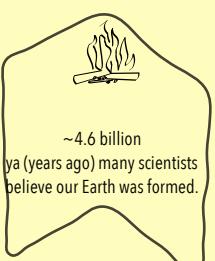
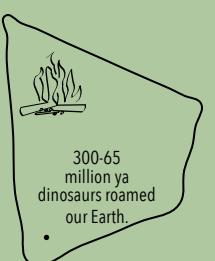
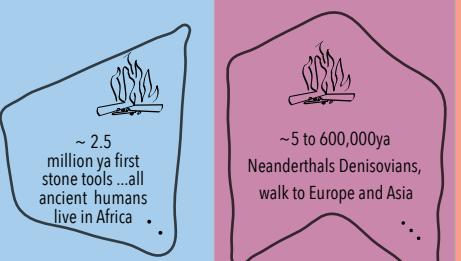
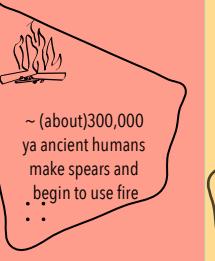
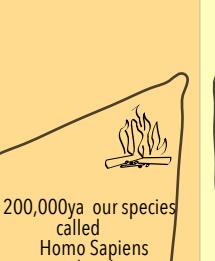
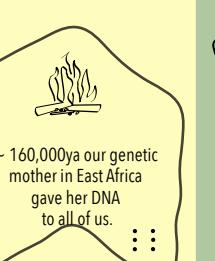
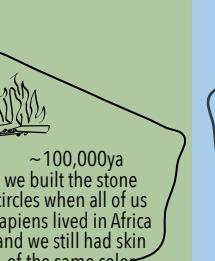
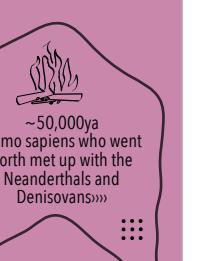


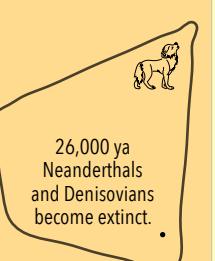
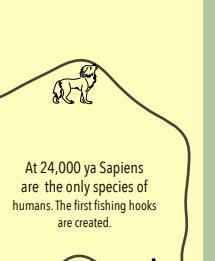
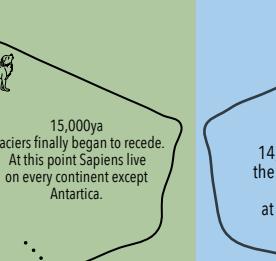
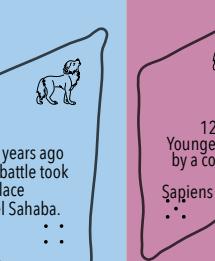
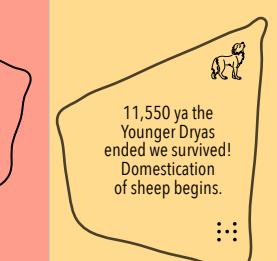
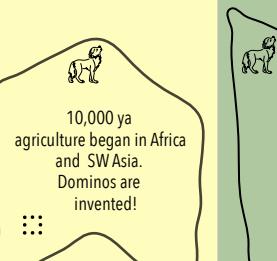
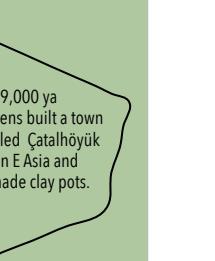
A Game of Strategy and Cooperation Reference Pages

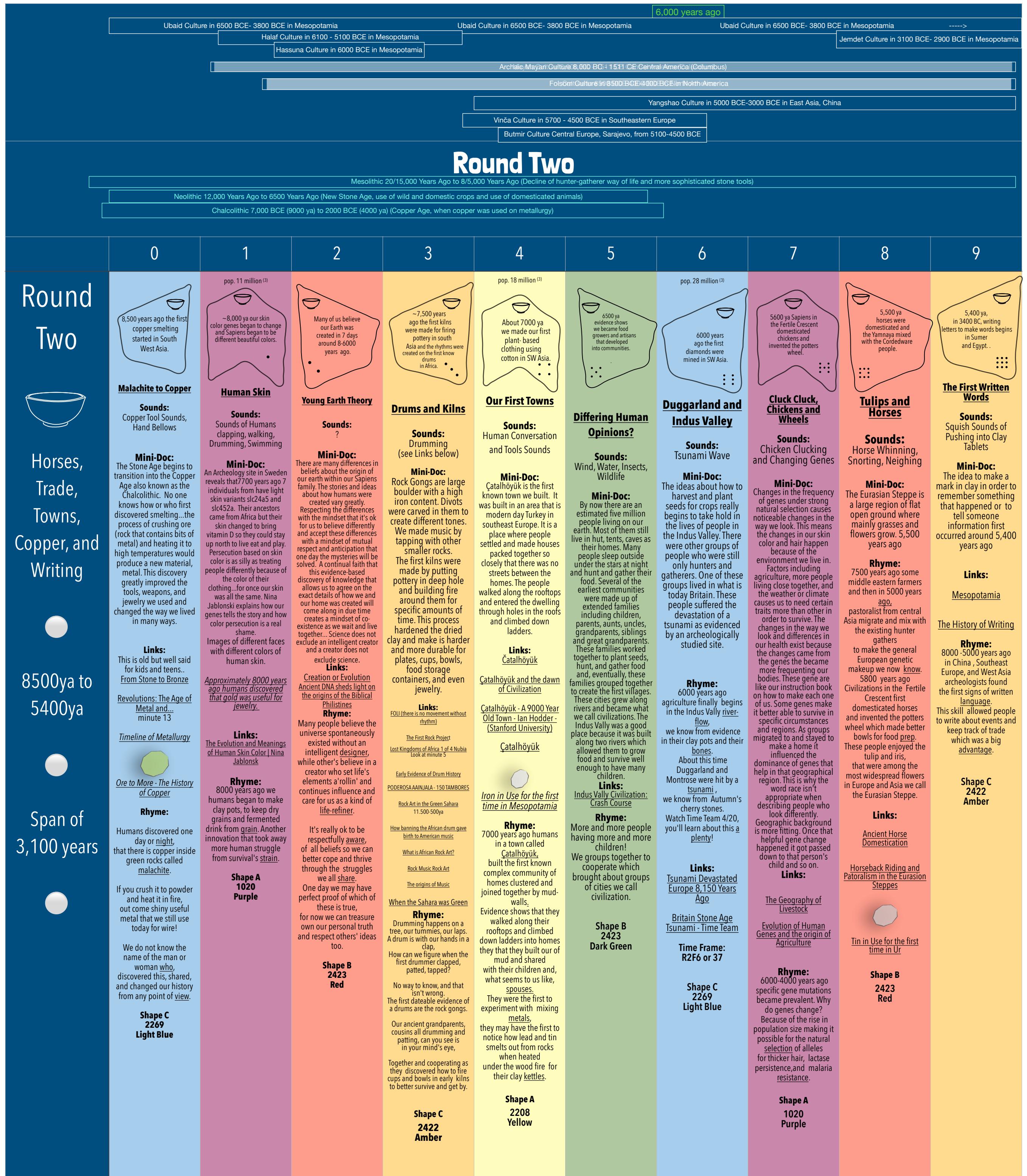


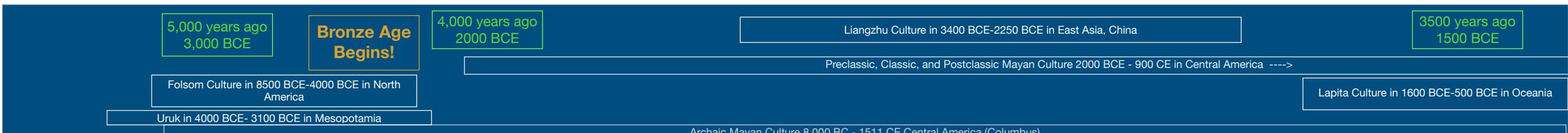
Each game-piece can be a simple traditional game-piece in game played in one sitting or each game-pieces can be a lesson or assignment, similar to the assignments on a syllabus of course curriculum. In other words, list of learning objectives are game-pieces. Students can later reflect on the course curriculum with a mental picture of the finished game board. Often the "dos and don'ts" children and teens hear about what they should and should not do become a blur in their minds. Many adults can remember this sense of uncertainty and perplexity when trying to get a stable mental grasp on the nature and scope of human society we all find ourselves in as we determine what life requires and has to offer each of us as individuals and groups. This game is a kind-hearted curriculum that attempts to ease the overwhelming expectations and anticipation of growing-up human. Establishing a "we" mindset by deliberately avoiding the academic protocol of leaving this pronoun out is emphasized. Who we are are as humans "so far" is summed up and categorized in order to help students make sense of the full scope of opportunities and responsibilities we each have. Describing our collective effort to build local and global communities of mutual respect in a fun and organized set of blocks is a main objective of this game. Why is this important? Research shows that helping students build healthy mindsets along-side the traditional academic coursework helps prevent bullying, depression, and school drop-out and while also improving academic achievement and overall well-being. Providing a way to easily and succinctly remember the elements of a healthy community respects the minds and potential of our children and teens as it edifies and invites them to join in the story of humankind.



4.6 Billion Years Ago	Two Million Years Ago	Acheulean Culture in Europe 1.6 million-0.13 million years ago associated with Homo-Erectus and Homo Heidelbergensis in Africa, Europe, Asia	One Hundred Thousand Years Ago	Fifty Thousand Years Ago						
		List of more Cultures								
		Mousterian Culture in 160 - 40,000 associated with Neanderthals in Europe & anatomically modern humans North Africa and West Asia								
Round Zero	Lower Paleolithic 3 million to 300,000 Years Ago	Middle Paleolithic 300,000 Years Ago to 30,000 Years Ago								
0	1	2	3	4	5	6	7	8	9	
Round Zero	 ~4.6 billion ya (years ago) many scientists believe our Earth was formed. Our Earth Sounds: Outer Space Explosions Mini-Doc: Scientists believe our Earth was formed around 4,600 years ago. Not everyone believes this is true. There are many different beliefs about how and when the earth was formed. In this game we will include several perspectives on this and other beliefs. Comparing ideas and opinions is a respectful and fun way as we solve the mysteries of life on Earth is part of working together in our human family. These footprint tiles include beliefs about events from different points of view including different faiths and from science too. It is good to hear and think critically about what others believe in order to determine what you believe is true. The leading theories about the formation of the earth	 300-65 million ya dinosaurs roamed our Earth. Dinosaurs, Mastodons, and Megafauna Sounds: dinosaurs Mini-Doc: Dinosaur bones have been found all over our Earth. Again and again scientists find bones from in lower layers of dirt and rock that reveal when they lived because each of the layers on top of them represents year after year of settled plant and sediment material. This and many kinds of dating indicate that the dinosaurs lived 248-65 years ago. There are humans who do not believe these dating methods are accurate and that is ok. We are still solving all the mysteries of life on Earth and our understanding could change. Maybe you can help solve some of them!	 ~ 2.5 million ya first stone tools...all ancient humans live in Africa Our Earliest Ancestors Sounds: flint knapping Mini-Doc: 3.3 million years ago the first stone tools were made by very ancient humans. These humans were not Homo Sapiens, yet they made and used tools using stones. DNA evidence from thousands of these bones found in Africa reveal that these early humans walked upright. Scientists who study human origins have discovered that there were at least 36 different kinds of human-like people in a group scientists have named Hominini. These hominids lived on our earth 3.3 million years ago which is about a million years before any evidence of our species of Hominid called Homo Sapiens lived on our Earth. We are making progress on unraveling the mystery of how the DNA of these early humans precedes our Homo Sapiens DNA. You may want to learn more about this field of study and help solve the mysteries about our human origins. If this information offends you, try to think of it as information about what these scientists believe and understand why they believe it. A big part of this game is not only learning about human advances and setbacks but also how to learn and understand the different ways other Sapiens like you think and believe things that you disagree with. The goal is to hear and understand another person's truth without feeling the threat that we have to believe the same thing that person believes... all while speaking our own truth as others listen and understand us without choosing to feel the threat that they have to believe the same way we do. The hope of this game is to spark a hunger to listen with mutual respect for each-other's beliefs without feeling threatened by different beliefs, all for the sake of cooperation and discovery of mutually satisfying compromises for the well-being of all individuals in our communities and Earth. When other's beliefs and choices impose and prevent our own beliefs and choices problems arise. Finding solutions that allow for beliefs and choices to exist while they don't prevent the same for others can make for healthier communities.	 ~5 to 60,000ya Neanderthals Denisovians, walk to Europe and Asia Tools Sounds: walking through mud, grass, water Mini-Doc: 500,000 years humans learned to use bones, string, and sticks, to make our spears.	 ~(about)300,000 ya ancient humans make spears and begin to use fire Many Branches on our Human Tree Sounds: Animal Sounds, Early Language Mini-Doc: Our Species was created when a genetic change occurred and as a result our ancestors' appearance and behavior changed from their ancestors. This split away is called a divergence and when this happens a new species is created.	 By 200,000ya our species called Homo Sapiens emerged and grew to about 30,000 ancient humans Fire and Language Sounds: Crackling Campfire, Ancient Language Mini-Doc: Understanding how dating methods work is an important part of getting children and teens engaged in the process of solving the mysteries of our human family. This understanding is foundational to helping students gain an identity as a member of humanity that has been progressing through history for thousands of years. This Mini-doc content includes information about who was as humans were in our earliest cultures to allow students the ability to form a mindset that "we are all in this global community together"	 ~160,000ya our genetic mother in East Africa gave her DNA to all of us. How we Date Human Artifacts Sounds: Modern testing equipment along with ancient sounds of studied artifacts Mini-Doc: We modern humans can trace our lineage back to a small group of humans through our DNA Haplogroups. Our early Family members worked together and continued to trade beads and used ochre paint for our bodies and cave homes.	 ~100,000ya we built the stone circles when all of us Sapiens lived in Africa and we still had skin of the same color Early Beads and Haplogroups Sounds: Shell Beads Clanking Mini-Doc: There are various theories about just where the first Sapiens walked out of Africa. Of course this group of people did not know they were leaving a continent. They were following the food sources found through hunting and gathering and seeking favorable living conditions. This mini doc discusses those theories in the context of building a mindset of how some "us" Sapiens were on the move toward Europe and Asia while some of our family stayed in Africa.	 ~120-75,000ya some of us, Sapiens, walk north out of Africa. Migration and Volcanos Sounds: Volcanos, Steam, and Lava Mini-Doc: One thing we know for sure about the Sapiens who went north out of Africa was that they "met" up with other species from the genus Homo ... the Neanderthals and Denisovians. How do we know? Their DNA exists in the genomes of modern humans whose ancestors had relations with them. This evidence was discovered through the science of Paleogenetics which provide "detailed" information about genetic relationships, geographical origin, selective processes or genetic structure of historical and prehistorical human, plant, animal or even pathogen populations using only minuscule samples."	 ~50,000ya Homo sapiens who went north met up with the Neanderthals and Denisovans!!! Balls Sounds: Gum Balls in a Bottle Mini-Doc: Humans that modern day humans descend emerged out of Africa at about 50-6000 ya. One thing we know for sure about the Sapiens who went north out of Africa was that they "met" up with other species from the genus Homo ... the Neanderthals and Denisovians. How do we know? Their DNA exists in the genomes of modern humans whose ancestors had relations with them. This evidence was discovered through the science of Paleogenetics which provide "detailed" information about genetic relationships, geographical origin, selective processes or genetic structure of historical and prehistorical human, plant, animal or even pathogen populations using only minuscule samples."
4.6 million years ago up to 40,000 years ago	Formation of the Earth Where Did Earth Come From? Hindu Creation Story Rhyme: Be it creation, mutation, or both, we are here on this earth together. Who will sing, learn, and build, who will help and not harm, through the sunshine and storms we all weather? Team: Geology Haplogroups: Shape A Acrylic/3D Filament: 2208 Yellow	 Links: From the Fall of Dinos to the Rise of Humans Rhyme: From homes in our caves to homes of today we humans sure gained rad skills of survival. Be the start of our world, seven days or seven billion, we've come too far to waste time being rivals. Team: Geology Archeology Shape B Acrylic/3D Filament: 2423 Dark Green	 Links: Neanderthal Denisovians Human Origins Rhyme: Two million years ago our early human ancestors started making tools out of stones, yes, we've found thousands of beautiful and useful hand axes. It showed an ability to a plan in our early minds a specific design, such smarts we had while living only in caves, jungles, and savanna grasses! Team: Archeology Anthropology Shape C Acrylic/3D Filament: 2269 Light Blue	 Links: New species Homo Sapiens Rhyme: 500,000 years ago we fashioned bones, string, and sticks, to make our first spears! Our first throwing weapons, yes, we're on our way to being true engineers. Team: Archeology Anthropology Shape A Acrylic/3D Filament: 1020 Purple	 Links: Early Trade Hand Axe and Pigments How To Make A Prehistoric Flint Axe Rhyme: Archeologists digging in Kenya at the Olorgesailie Basin, discovered that 300,000 ya early humans made hand axes and a kind of color pigment crayon. They created a long distance network of trade, exchanging these early goods that they made. Team: Archeology Anthropology Shape B Acrylic/3D Filament: 2423 Red	 Links: How Does Radiocarbon Dating Work? Human Language Rhyme: DNA evidence from thousands of found bones and our many dating methods like, radio carbon dating, uranium series dating, electron spin resonance dating, and thermoluminescence, all show us exciting findings about our early and basic human essence. We can test human bones and skulls like ours that show an order... we can even tell how they lived to the ages of adulthood, childhood, and adolescence. Team: Archeology Anthropology Shape C Acrylic/3D Filament: 2422 Amber	 Links: The Journey of Your Past Why We Speak Rhyme: Every human today has cool DNA that links up to our shared African mother and father. We are all their many-times great-grandchildren. We're all family, of that we can be glad! 70,000 years ago we made our first jewelry beads out of ostrich egg shells. With ochre rock we made paint for our bodies and cave walls where we dwelled. Team: Archeology Anthropology Genetics Shape A Acrylic/3D Filament: 2208 Yellow	 Links: Map Shows How Humans Migrated Across the Globe Rhyme: When we took over the World Team: Archeology Anthropology Shape A Acrylic/3D Filament: 2269 Light Blue	 Links: The meeting of Homo-sapiens, Neanderthals, Denisovians Rhyme: Early human ancestors started migrating around the world far earlier than scientists thought Team: Archeology Anthropology Genetics Shape B Acrylic/3D Filament: 2423 Dark Green	
Span of 4,500,000 years	 Links: Large mammal extinction linked to Prehistoric Humans Rhyme: From homes in our caves to homes of today we humans sure gained rad skills of survival. Be the start of our world, seven days or seven billion, we've come too far to waste time being rivals. Team: Archeology Anthropology Shape C Acrylic/3D Filament: 2269 Light Blue	 Links: The evolving story of human evolution Rhyme: Two million years ago our early human ancestors started making tools out of stones, yes, we've found thousands of beautiful and useful hand axes. It showed an ability to a plan in our early minds a specific design, such smarts we had while living only in caves, jungles, and savanna grasses! Team: Archeology Anthropology Shape A Acrylic/3D Filament: 1020 Purple	 Links: Early Trade Hand Axe and Pigments How To Make A Prehistoric Flint Axe Rhyme: Archeologists digging in Kenya at the Olorgesailie Basin, discovered that 300,000 ya early humans made hand axes and a kind of color pigment crayon. They created a long distance network of trade, exchanging these early goods that they made. Team: Archeology Anthropology Shape B Acrylic/3D Filament: 2423 Red	 Links: How Does Radiocarbon Dating Work? Human Language Rhyme: DNA evidence from thousands of found bones and our many dating methods like, radio carbon dating, uranium series dating, electron spin resonance dating, and thermoluminescence, all show us exciting findings about our early and basic human essence. We can test human bones and skulls like ours that show an order... we can even tell how they lived to the ages of adulthood, childhood, and adolescence. Team: Archeology Anthropology Genetics Shape C Acrylic/3D Filament: 2422 Amber	 Links: Secrets of the Stone Age Haplogroup: Tracing Human Migration Rhyme: Archeologists digging in Kenya at the Olorgesailie Basin, discovered that 300,000 ya early humans made hand axes and a kind of color pigment crayon. They created a long distance network of trade, exchanging these early goods that they made. Team: Archeology Anthropology Shape A Acrylic/3D Filament: 2208 Yellow	 Links: Ages of Each Haplogroup Rhyme: Archeologists digging in Kenya at the Olorgesailie Basin, discovered that 300,000 ya early humans made hand axes and a kind of color pigment crayon. They created a long distance network of trade, exchanging these early goods that they made. Team: Archeology Anthropology Shape B Acrylic/3D Filament: 2423 Red	 Links: The Journey of Man - Genetic Odyssey Rhyme: Archeologists digging in Kenya at the Olorgesailie Basin, discovered that 300,000 ya early humans made hand axes and a kind of color pigment crayon. They created a long distance network of trade, exchanging these early goods that they made. Team: Archeology Anthropology Shape C Acrylic/3D Filament: 2422 Amber	 Links: First Standing Stones Rhyme: When we took over the World Team: Archeology Anthropology Shape A Acrylic/3D Filament: 2269 Light Blue	 Links: The Origins of Human Society Alison Brooks Rhyme: Early human ancestors started migrating around the world far earlier than scientists thought Team: Archeology Anthropology Genetics Shape B Acrylic/3D Filament: 2423 Dark Green	

	0	1	2	3	4	5	6	7	8	9	
Round One											
Seeds, Pets, Music & Fishing	Music and Sewing Sounds: Barking Wolves, Humans using, Ancient Flute Mini-Doc: 35,000 years Sapiens made the first bone needles. We figure out how to use fibers to make clothes, bags, baskets, nets, and baby carriers. The first musical instrument were made... a flute! The first strands were twisted into rope. A standing lion figurine called Löwenmensch (Lion-man) was made by a man in the Aurignacian culture. It is the oldest figurine art found thus far. It is dated between 35,000 and 40,000 years old. Images/Video: wolves, human hands sewing with bone and shell needles, flute playing, Lion Man figurine Links: Living in the Stone Age: Music	Wolves and Cubs, Cats and Kittens Sounds: Wolves howling Mini-Doc: 25,000 years ago we built homes using mammoth bones and rocks that made a little hamlet in modern day Czech Republic. This is the oldest human permanent human settlement that has been found so far. In central Europe the first ovens were used to cook mammoth meat in about 29,000 BC. Links: Domesticated Dogs	The First Fishing Trips Sounds: splashing Mini-Doc: 24,000 years ago a human made the first fishing hook and tied it to string to catch fish. This helped us eat more of this vitamin D rich food which allowed us to survive in northern climates. Humans crossed the Bering Straight from modern day Russian to modern day Alaska Links: Beringia For Kids How to make a fish hook from bone	Melting Glaciers mean New Ways of Living Sounds: Walking in Snow and Ice Mini-Doc: This is one of the many phases of time when our Earth's glaciers melt. The climate begins to change at this time in northern Africa causing it to become humid and fertile. Links: First Humans Enter the Americas	Our First Battles Sounds: Human Fighting Sounds Mini-Doc: Archeologists found evidence of warfare in an area close to the Nile River. There is debate about the details of what happened with the people who lived there. Many scientists believe that the lack of food and the struggle associated with the colder climate was the cause of the warfare. This is a problem that still causes conflict and is in need of solution today. Links: Jebel Sahaba	We Learn to Grow Gardens and the Glaciers are Back! Sounds: Sounds of working a garden Mini-Doc: During this time a group of hunter-gatherers named Natufians settled in an area called the Levant and started to grow rye seeds to make bread. Links: Gobekli Tepe	The First Human Building Project - Gobekli Tepe Sounds: Stone Tools Chiseling and Human Effort Mini-Doc: The first known structures made of stone for what appears to be for religious or ceremonial purposes are built in modern day Turkey. Links: Gobekli Tepe	Bye Bye Again Glaciers, Hello Sheep Herding Sounds: Melting Ice, Sheep Bleating Mini-Doc: Finally the Ice Age called the Younger Dryas was over and the Earth warmed again after 1,200 years. This was the last of many ice ages. Links: Geometry Guided the Construction of Gobekli Tepe	Bread and Dominos Sounds: Dominos Falling, Sickle cutting Wheat Mini-Doc: The Megafauna and Mammoths become extinct. Now that the last Ice Age is over we are able to collect more seeds and grow larger fields of wheat, millet and rice. Links: The Agriculture Revolution: Crash Course World History	Clay and Çatalhöyük Sounds: clay being molded and formed on a pottery wheel Mini-Doc: All other species from the genus Homo become extinct and Sapiens are the only species that present day descendants. During this time we Sapiens built a community or settlement called Çatalhöyük in Anatolia. Figs are cultivated in the Levant. We are using clay to make bowls and food storage containers. Links: Origins of Clay	
40,000 years ago to 8000 years ago	Span of 32,000 years	Music and Sewing Sounds: Barking Wolves, Humans using, Ancient Flute Mini-Doc: 35,000 years Sapiens made the first bone needles. We figure out how to use fibers to make clothes, bags, baskets, nets, and baby carriers. The first musical instrument were made... a flute! The first strands were twisted into rope. A standing lion figurine called Löwenmensch (Lion-man) was made by a man in the Aurignacian culture. It is the oldest figurine art found thus far. It is dated between 35,000 and 40,000 years old. Images/Video: wolves, human hands sewing with bone and shell needles, flute playing, Lion Man figurine Links: Living in the Stone Age: Music	Wolves and Cubs, Cats and Kittens Sounds: Wolves howling Mini-Doc: 25,000 years ago we built homes using mammoth bones and rocks that made a little hamlet in modern day Czech Republic. This is the oldest human permanent human settlement that has been found so far. In central Europe the first ovens were used to cook mammoth meat in about 29,000 BC. Links: Domesticated Dogs	The First Fishing Trips Sounds: splashing Mini-Doc: 24,000 years ago a human made the first fishing hook and tied it to string to catch fish. This helped us eat more of this vitamin D rich food which allowed us to survive in northern climates. Humans crossed the Bering Straight from modern day Russian to modern day Alaska Links: Beringia For Kids How to make a fish hook from bone	Melting Glaciers mean New Ways of Living Sounds: Walking in Snow and Ice Mini-Doc: This is one of the many phases of time when our Earth's glaciers melt. The climate begins to change at this time in northern Africa causing it to become humid and fertile. Links: First Humans Enter the Americas	Our First Battles Sounds: Human Fighting Sounds Mini-Doc: Archeologists found evidence of warfare in an area close to the Nile River. There is debate about the details of what happened with the people who lived there. Many scientists believe that the lack of food and the struggle associated with the colder climate was the cause of the warfare. This is a problem that still causes conflict and is in need of solution today. Links: Jebel Sahaba	We Learn to Grow Gardens and the Glaciers are Back! Sounds: Sounds of working a garden Mini-Doc: During this time a group of hunter-gatherers named Natufians settled in an area called the Levant and started to grow rye seeds to make bread. Links: Gobekli Tepe	The First Human Building Project - Gobekli Tepe Sounds: Stone Tools Chiseling and Human Effort Mini-Doc: The first known structures made of stone for what appears to be for religious or ceremonial purposes are built in modern day Turkey. Links: Gobekli Tepe	Bye Bye Again Glaciers, Hello Sheep Herding Sounds: Melting Ice, Sheep Bleating Mini-Doc: Finally the Ice Age called the Younger Dryas was over and the Earth warmed again after 1,200 years. This was the last of many ice ages. Links: Geometry Guided the Construction of Gobekli Tepe	Bread and Dominos Sounds: Dominos Falling, Sickle cutting Wheat Mini-Doc: The Megafauna and Mammoths become extinct. Now that the last Ice Age is over we are able to collect more seeds and grow larger fields of wheat, millet and rice. Links: The Agriculture Revolution: Crash Course World History	Clay and Çatalhöyük Sounds: clay being molded and formed on a pottery wheel Mini-Doc: All other species from the genus Homo become extinct and Sapiens are the only species that present day descendants. During this time we Sapiens built a community or settlement called Çatalhöyük in Anatolia. Figs are cultivated in the Levant. We are using clay to make bowls and food storage containers. Links: Origins of Clay
40,000 years ago to 8000 years ago	Span of 32,000 years	Music and Sewing Sounds: Barking Wolves, Humans using, Ancient Flute Mini-Doc: 35,000 years Sapiens made the first bone needles. We figure out how to use fibers to make clothes, bags, baskets, nets, and baby carriers. The first musical instrument were made... a flute! The first strands were twisted into rope. A standing lion figurine called Löwenmensch (Lion-man) was made by a man in the Aurignacian culture. It is the oldest figurine art found thus far. It is dated between 35,000 and 40,000 years old. Images/Video: wolves, human hands sewing with bone and shell needles, flute playing, Lion Man figurine Links: Living in the Stone Age: Music	Wolves and Cubs, Cats and Kittens Sounds: Wolves howling Mini-Doc: 25,000 years ago we built homes using mammoth bones and rocks that made a little hamlet in modern day Czech Republic. This is the oldest human permanent human settlement that has been found so far. In central Europe the first ovens were used to cook mammoth meat in about 29,000 BC. Links: Domesticated Dogs	The First Fishing Trips Sounds: splashing Mini-Doc: 24,000 years ago a human made the first fishing hook and tied it to string to catch fish. This helped us eat more of this vitamin D rich food which allowed us to survive in northern climates. Humans crossed the Bering Straight from modern day Russian to modern day Alaska Links: Beringia For Kids How to make a fish hook from bone	Melting Glaciers mean New Ways of Living Sounds: Walking in Snow and Ice Mini-Doc: This is one of the many phases of time when our Earth's glaciers melt. The climate begins to change at this time in northern Africa causing it to become humid and fertile. Links: First Humans Enter the Americas	Our First Battles Sounds: Human Fighting Sounds Mini-Doc: Archeologists found evidence of warfare in an area close to the Nile River. There is debate about the details of what happened with the people who lived there. Many scientists believe that the lack of food and the struggle associated with the colder climate was the cause of the warfare. This is a problem that still causes conflict and is in need of solution today. Links: Jebel Sahaba	We Learn to Grow Gardens and the Glaciers are Back! Sounds: Sounds of working a garden Mini-Doc: During this time a group of hunter-gatherers named Natufians settled in an area called the Levant and started to grow rye seeds to make bread. Links: Gobekli Tepe	The First Human Building Project - Gobekli Tepe Sounds: Stone Tools Chiseling and Human Effort Mini-Doc: The first known structures made of stone for what appears to be for religious or ceremonial purposes are built in modern day Turkey. Links: Gobekli Tepe	Bye Bye Again Glaciers, Hello Sheep Herding Sounds: Melting Ice, Sheep Bleating Mini-Doc: Finally the Ice Age called the Younger Dryas was over and the Earth warmed again after 1,200 years. This was the last of many ice ages. Links: Geometry Guided the Construction of Gobekli Tepe	Bread and Dominos Sounds: Dominos Falling, Sickle cutting Wheat Mini-Doc: The Megafauna and Mammoths become extinct. Now that the last Ice Age is over we are able to collect more seeds and grow larger fields of wheat, millet and rice. Links: The Agriculture Revolution: Crash Course World History	Clay and Çatalhöyük Sounds: clay being molded and formed on a pottery wheel Mini-Doc: All other species from the genus Homo become extinct and Sapiens are the only species that present day descendants. During this time we Sapiens built a community or settlement called Çatalhöyük in Anatolia. Figs are cultivated in the Levant. We are using clay to make bowls and food storage containers. Links: Origins of Clay





Round Three

Bronze 3200 BCE (5,000 Years Ago) to 330 BCE (~250 Years Ago) when humans in regions discovered and used the process of mixing copper and arsenic or tin to make bronze for tools and implements and jewelry

Ancient History (Recorded) 3,000 BCE to 500 AD

Round Three

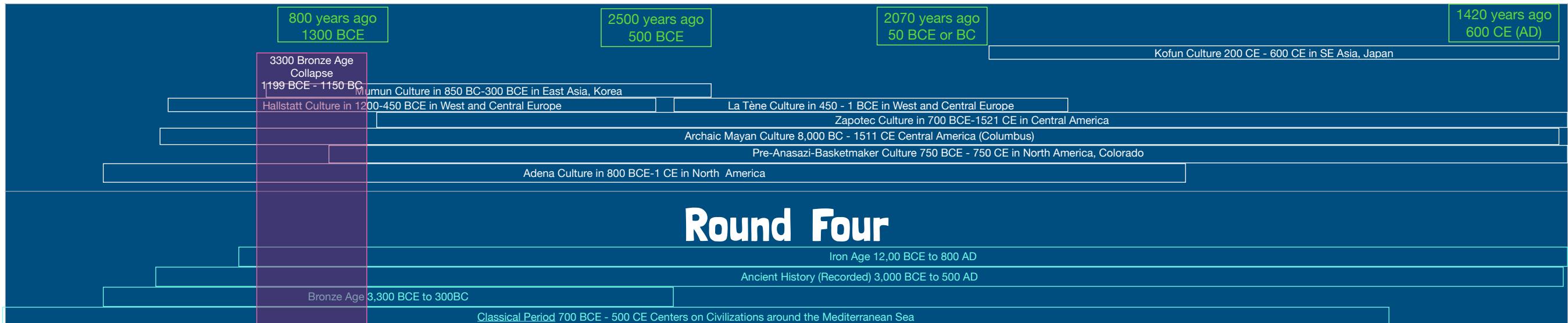


Bronze,
Laws,
Sailboats and
Leaders

5400ya to
1500BC

Span of
4,650 years

Neolithic 10,000 Years Ago to 4500 Years Ago									
0	1	2	3	4	5	6	7	8	9
<p>Star Charts and Stonehenge Sounds: Stonework Sounds, Space Mini-Doc: By 5000 years ago we were living on every continent except Antarctica. Humans were developing new ideas and skills and sharing them with neighboring settlements. Links: The Scorpion King and the Birth of Egypt What is the Meaning of Stonehenge Naked Science - Who Built Stonehenge The Age of Ice - The World of Stonehenge The Secrets of Stonehenge What the Science of Stonehenge has Taught Us</p> <p>Rhyme: By 5000 BC humans were living in large numbers, on every continent, except Antarctica, where there were only seals and penguins. There were about 28,000,000 of us on our Earth by then!</p> <p>4000 years ago writing developed in Sumer and Egypt ...that sparked the beginning of written history! Then smelting copper and tin to make bronze spread around the Mediterranean Sea. A circular enclosure of standing stones, Stonehenge was built 2500 BC, that's about 4500 years ago! It's amazing to think that people worked together to cut, move, and stand these huge stones without modern equipment to build and tow!</p> <p>Shape A 2208 Yellow</p>	<p>Sailboats Sounds: Wind Images: Ancient Boats sailing Mini-Doc: The stars give us direction as we navigate around the world. The first chart of the stars created for the purpose of navigation was created about this time. Links: The Physics of Sailing The Digital Story of the History of Sailboats Bronze Age Transformations of the Mediterranean World The Nordic Bronze Age</p> <p>Rhyme: By 5000 BC humans were living in large numbers, on every continent, except Antarctica, it still had only seals and penguins. All told there were about 28,000,000 of us on our Earth by then!</p> <p>Shape B 2423 Dark Green</p>	<p>Timelines and Milk Sounds: Sounds of Cows and Goats Mini-Doc: Calendars of many kinds have helped us count the days and months for thousands of years. Understanding the way calendars work and gaining an accurate mental timeline helps us see where as individuals and communities fit as we form plans and goals.</p> <p>Links: Formation of the Pearls How Do Pigeons know where to Go? Pigeon Genius</p> <p>Rhyme: By 5000 BC humans were living in large numbers, on every continent, except Antarctica, it still had only seals and penguins. All told there were about 28,000,000 of us on our Earth by then!</p> <p>Shape C 2269 Light Blue</p>	<p>Pearls and Pigeons Sounds: Pigeons Sounds Mini-Doc: Our charts of the stars were made around modern day Korea, in 3000BC. The first combs in Persia, Sailboats in Egypt, we humans are really rolling by now, check it out and see!</p> <p>Links: History of Pearls Formation of the Pearls How Do Pigeons know where to Go? Pigeon Genius</p> <p>Rhyme: By 5000 BC humans were living in large numbers, on every continent, except Antarctica, it still had only seals and penguins. All told there were about 28,000,000 of us on our Earth by then!</p> <p>Shape D 2269 Light Blue</p>	<p>Chocolate and Bricks Sounds: Rhythmic Bricklaying Sounds Mini-Doc: Bricks are a surprisingly significant invention in human civilization. Learning how this technology was developed and shared helps us understand similar patterns of invention and her impacts humans across the globe. Links: The History of Chocolate Who Invented Bricks, Mortar, and Concrete? Bricks are a Symbol of Human Beings and Building History</p> <p>Rhyme: By 3500 BC we were using bricks widespread to build, and in China we were making jewelry out of pearls! 3113 BC is the first date in the Mayan calendar... it was shaped in a circle, but it was made out of stone, so you couldn't give it a whirl!</p> <p>Shape E 2269 Light Blue</p>	<p>First Laws and Governments Sounds: Humans Debating Mini-Doc: First known written laws are written in cuneiform writing on cone shaped tablets called the Enmetena & Urukagina. Sadly it is also the first known silencing of the female voice. One of the laws says that if a woman speaks out of turn then her teeth will be smashed by a brick. It is baffling to comprehend that once it was written people followed without question or argument. There is a strange phenomenon how some people will easily submit when others simple declares a rule and write it down. Indications are that up until this time men and women were treated equally in law and relationships. Skara Brae in Orkney</p> <p>Links: Engineering of Ancient Egypt Ancient and Medieval Medicine The Silence of the Bees Deciphering the World's oldest Rule Book</p> <p>Rhyme: The first formal governments developed around 3000 BC in Egypt and Sumer as an early peacekeeping and protection tool.. These were the first monarchies because they had kings and queens with absolute rule.</p> <p>Shape F 2269 Light Blue</p>	<p>Pyramids, Games, Bees, Medicine Sounds: Humans Pulling Together and Chiseling, Bees Mini-Doc: The need for medicine to help humans with illness and injury has a long and interesting history. A quick overview of the origin and how medicine has changed over time is helpful in building a strong mindset for how to take utilize modern medicine for ourselves as individuals. Links: Engineering of Ancient Egypt Ancient and Medieval Medicine The Silence of the Bees Deciphering the World's oldest Rule Book</p> <p>Rhyme: "Map Shows How Humans Migrated Across the Globe" In 2600 BC the Egyptian Imhotep wrote down a list of 200 ailments and diseases. There were remedies of all kinds, bees, seeds, and even grease.</p> <p>Shape G 2269 Light Blue</p>	<p>Falcons and the First Minoan Palaces Sounds: Falcons Screeching Mini-Doc: Training of falcons and hawks helped humans hunt other animals such as pheasant for food. The Minoans innovation in architecture including aqueducts to transport water became examples to follow by many other civilizations.</p> <p>Links: Engineering of Ancient Egypt Ancient and Medieval Medicine The Silence of the Bees Deciphering the World's oldest Rule Book</p> <p>Rhyme: "Map Shows How Humans Migrated Across the Globe" In 2600 BC the Egyptian Imhotep wrote down a list of 200 ailments and diseases. There were remedies of all kinds, bees, seeds, and even grease.</p> <p>Shape H 2269 Light Blue</p>	<p>Judaism & Horses Sounds: Jewish Music Mini-Doc: Today, over four billion humans believe in an Abrahamic faith. Understanding the origin of the story of Judaism, Christianity, and Islam helps build a healthy mindset about the similarities and differences in these religions. Knowing they have the same beginning can help decrease fear and division and bring cooperation and a level of mutual respect where each can live in and learn together.</p> <p>Links: Judaism in Brief</p> <p>Rhyme: The story of Gilgamesh gives insight into the nature of the culture in 2000 BC. Comparing the mindset of the people groups of that day to ours allows students to develop a wiser mindset for decision making.</p> <p>Links: Mesopotamia Tablet of Gilgamesh The Evolution of Falconry Crete and the Magnificent Minoan Palace of Knossos Ancient Artisans - Falconry Coopers Hawks in Falconry</p> <p>Rhyme: Gilgamesh, King of Uruk rules in Samaria around 2,750 BC or so, and the Egyptian pyramids started being built although there's disagreement about this date you know, perhaps one day we will know for sure.</p> <p>Shape I 2269 Light Blue</p>	<p>Hinduism & the New Kingdom in Egypt Sounds: Hindu Prayer Wheel and Music Mini-Doc: A brief understanding of the faith of over one billion followers of Hinduism is important in developing a well-informed mindset about the culture and beliefs of a large group of fellow humans sharing our globe.</p> <p>Links: Hinduism in Brief The History of Iron and Steel The Olmec</p> <p>Rhyme: Hinduism began around 1500BC in south modern India and it spread far and wide. It is also about this timeline 1200BC that Moses started modern laws, in Israel where many Jewish people reside.</p> <p>Shape J 2269 Light Blue</p>



Round Four

Iron Age 12,00 BCE to 800 AD

Ancient History (Recorded) 3,000 BCE to 500 AD

Bronze Age 3,300 BCE to 300BC

Classical Period 700 BCE - 500 CE Centers on Civilizations around the Mediterranean Sea

Round Four

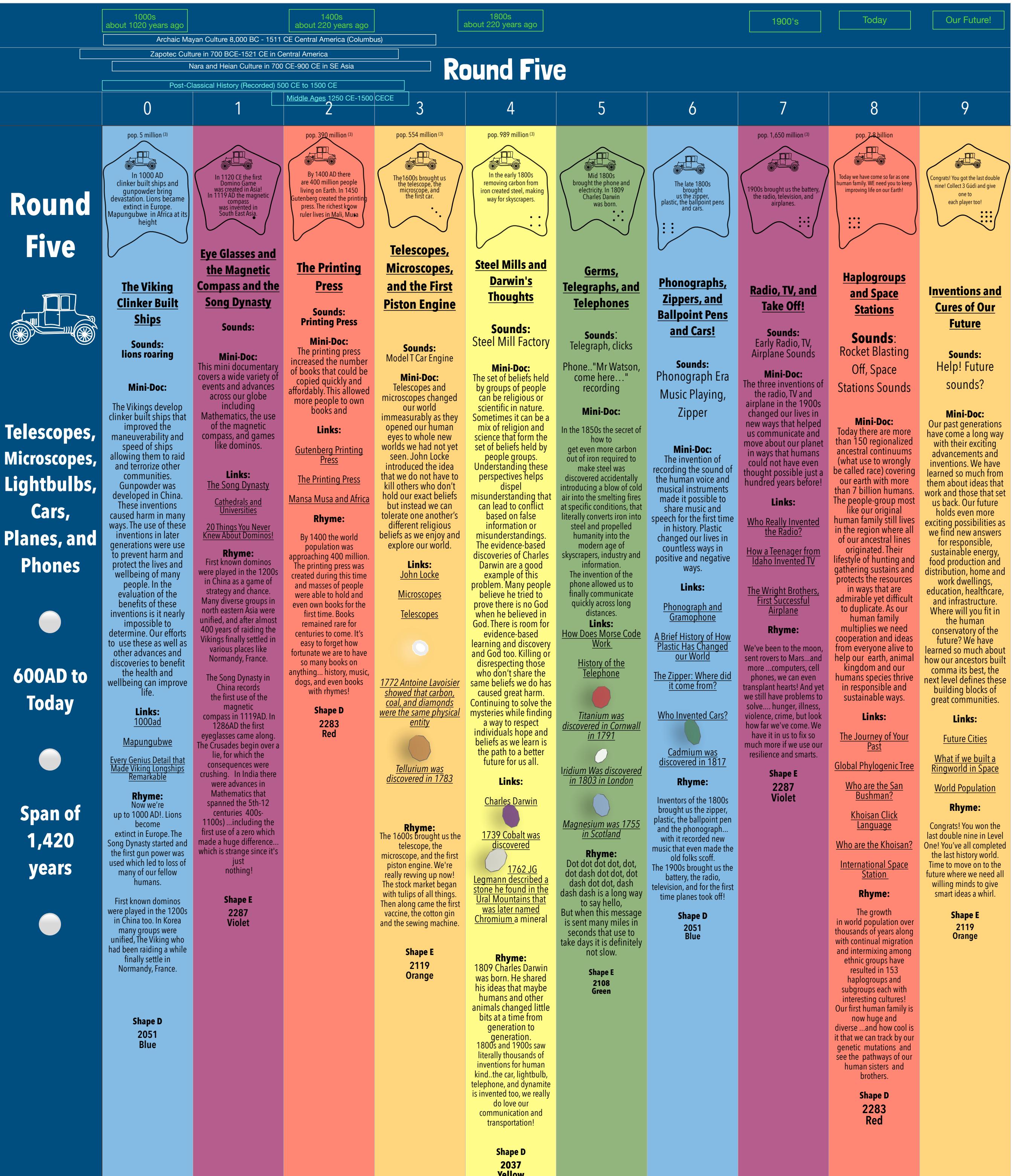


1300BC to
600AD

Coins,
Collapse,
Bridges, &
Books.

Span of
1,900 years

0	1	2	3	4	5	6	7	8	9
Iron! <p>In 1300 BC iron smelting began in SE Asia and the first lighthouse was built in North Africa.</p> <p>Sounds: Hand Bellows and Iron Smelting Sounds</p> <p>Mini-Doc: The inventions of the lighthouse and a massive trackway for transporting goods long distances are the beginning of moving mass amounts of trade goods.</p> <p>Links: Explore the Ruins of a Medieval East African Empire</p> <p>Rhyme: Now the Iron Age gets going with the bellows to heat and smelt iron! And the first known lighthouse was 330 feet tall in Alexandria, Egypt. It was destroyed by earthquakes around BC 1320. Around 700 BC the first known paved trackway was made for hauling goods and boats across the Isthmus of Corinth using deep grooves in limestone as the earliest tracks for ...wheeled wagons pulled by men and animals aplenty.</p> <p>Shape D 2283 Red</p>	The First Olympics <p>pop. 115 million ⁽³⁾</p> <p>1000BCE 776 BC the first Olympics took place in Greece and in 700 BC first trackway was built for hauling goods.</p> <p>Sounds: Cheering</p> <p>Mini-Doc: Although we humans are still working hard to survive many communities have developed into nations that have organized systems of food sources allowing time for art and sports.</p> <p>Links: Confucius Plato DNA Insights to Bronze Age Greece</p> <p>Rhyme: 800 BC a man named Homer writes a story titled the <i>Iliad and the Odyssey</i>. 776 BC the first Olympics are recorded in Ancient Greece.</p> <p>The Assyrians fall in 605 BC. 551 BC Confucius is born, he said we should all be responsible for what we think, say and know. Hippocrates, the father of Medicine was born in 459 BC, he is the reason doctors take the Hippocratic Oath.</p> <p>Shape E 2119 Orange</p>	Buddhism and Coins <p>In 600 BC Buddhism begins. The first coin, the Lydia Lion, is made in SE Asia. First Democracy in Athen Greece.</p> <p>Sounds: Chanting and Early Coin Making Sounds</p> <p>Mini-Doc: The time of the invention of the coin in the town of Lydia, bartering goods was the way we traded goods. The coin was the beginning of a new way to trade goods.</p> <p>Links: The Etruscans Buddha</p> <p>Rhyme: In the fourth century BC (300s BC) The water wheel was invented in Egypt no doubt from their canals and waterways. This new technology for harnessing power spread throughout Asian, European, and African cultures in varying ways.</p> <p>Shape D 2037 Yellow</p>	Waterwheels and Blast Furnaces <p>In 500 BC coffee is cultivated in Ethiopia and in 300BC the waterwheel was invented.</p> <p>Sounds: Water and Furnace Sounds</p> <p>Mini-Doc: The invention of waterwheel was a momentous accomplishment for humanity. It gave us the ability to convert the energy of the flow of water into useful power for milling grain into flour, grinding wood into pulp for paper, hammering out wrought iron, and pounding fiber for fabric making.</p> <p>Links: The Etruscans Buddha</p> <p>Rhyme: The blast furnace was invented in China in the fourth century BC. Now alloys could be produced in mass with these super ovens... This is also the time of Alexander the Great.</p> <p>Shape E 2108 Green</p>	Strong Concrete called Pozzolana <p>200 BCE Brings the just right recipe for strong concrete making Long-lasting roads and bridges possible.</p> <p>Sounds: Various weaker recipes of concrete were tried by humans for centuries until the Romans perfected the mixture of coarse aggregate like sand, calcium silicates, and water to make a super strong liquid stone.</p> <p>Mini-Doc: The invention of waterwheel was a momentous accomplishment for humanity. It gave us the ability to convert the energy of the flow of water into useful power for milling grain into flour, grinding wood into pulp for paper, hammering out wrought iron, and pounding fiber for fabric making.</p> <p>Links: The Etruscans Buddha</p> <p>Rhyme: The blast furnace was invented in China in the fourth century BC. Now alloys could be produced in mass with these super ovens... This is also the time of Alexander the Great.</p> <p>Shape D 2051 Blue</p>	Widespread Glassmaking <p>In 100 BCE glassmaking became more widespread as the techniques were refined and taught to many communities.</p> <p>Sounds: Glass Clanking</p> <p>Mini-Doc: Glass was a remarkable accomplishment that came by accident from the byproduct of metal working called slag. With this material vessels for drinking, beads, and windows were created for the first time.</p> <p>Links: Teotihuacan</p> <p>Rhyme: Julius Caesar, Cleopatra, Sima Qian in China, Boudica in Britain and in Sound America the Teotihuacan are thriving.</p> <p>Shape E 2287 Violet</p>	Steam Power <p>Around the year 0-100 CE Hero of Alexandria discovers steam power</p> <p>Sounds: Glass Blowing</p> <p>Mini-Doc: The first one hundred years after the year zero is called the first century. During this time a man named Hero who lived in Alexandria experimented with a sphere and steam to demonstrate how steam could be used to create power. This new idea started a long line of inventions that eventually powered trains, ships, tractors and more. It all started with a spinning sphere called an Aeolipile!</p> <p>Links: Hero's Steam Engine, Aeolipile</p> <p>Rhyme: By the year dated 1 AD the Roman Empire had conquered many lands... the Kingdoms of Olmec and Askum began.</p> <p>Shape D 2283 Red</p>	Our First Bound Books <p>pop. 205 million ⁽³⁾</p> <p>In 300 AD The first books were in</p> <p>Sounds: Pages Flipping</p> <p>Mini-Doc: Once we were able to make paper in mass quantities the next step of binding the paper into books became a significant advancement in education, medicine, mathematics, science, history. The first known bound book was found in Upper Egypt but the practice really took off as an industry in India.</p> <p>Links: The first Aluminum was used in 200 AD</p> <p>Rhyme: Just as the Iron Age was ending the Steel Age emerged in 50 BC. There is always overlapping of ages as the knowledge and trade goods spread slowly from one area to another as they often do.</p> <p>Shape D 2283 Red</p>	Horseshoes and Attila <p>About 476 AD the Roman Empire ends and in 589AD toilet paper is invented in China.</p> <p>Sounds: Horse Hooves Thundering</p> <p>Mini-Doc: Although the horseshoe was probably invented in 200 BCE it wasn't in wide use until around 500 AD. The iron horseshoe protects the hooves of horses and dramatically increases the health of their feet and allows them to be better able to transport goods and armies.</p> <p>Links: The decline of the Roman Empire begins.</p> <p>Rhyme: The Romans are getting weaker now and they fall in 476 AD. The horseshoe is now in use. St Patrick went to Ireland about the same time. Attila the Hun made his mark on civilization and also through battle and DNA another way.</p> <p>Shape D 2037 Yellow</p>	Islam and Tang <p>pop. 213 million ⁽³⁾</p> <p>In 600 AD Islam begins and the Tang dynasty begins in SE Asia.</p> <p>Sounds: Tang Dynasty music</p> <p>Mini-Doc: Alloys are metals made by combining two or more metallic elements.</p> <p>Links: Islam in Brief What is an Alloy? Alloys and their Properties</p> <p>Rhyme: By 600 AD Alloys of many kinds were used including and tumbago a gold and copper alloy in South America. The Shugendo religion began in Japan about the seventh century too. Chess is first played in China. On to the 700s AD, so much is happening in our humanity now! Muhammad is born in 571 AD. The Islamic conquests begin.</p> <p>Shape E 2108 Green</p>



Humankind Conservatory Blocks

• These Three Rounds Begin at the Bottom Row and Move Upward •

This is the reference table, for the building blocks on the game board, is a set of elements for a stronger community, each with a corresponding analogy of two metals.

Remember to wait and place all earned blocks at the end of each round.									
Health Physical and Emotional Well-being									
Sciences									
Round Nine	Mathematics Algebra Trigonometry	Earth and Space	Life Biology	Freedom Relationships	Humanities	Ethics and Philosophy	Happiness Skills	Arts	
Arching Blocks									
Round Eight	Bismuth Trust & Hope ore- bismuthinite Fire extinguishers, cosmetics, nail polish stomach ache remedies, molds, Nuclear reactors	Tellurium Knowledge ore - sylvanite color for glass and ceramics Transylvania, Australia, Canada, California, Colorado	Gold Gentleness ore-quartz jewelry, compact mirrors, gold mines: South Africa, Indonesia, Russia, Papua New Guinea, Chile, Australia, and Dominican Republic	Electrum Relationship top of the pyramids, coins, jewelry, Nobel Prize Medals	Silver Respect ore- argentite coins, jewelry, mirrors, much more Mexico, Poland, Bolivia, Turkey, Peru and Australia	Magnesium Self-Control ore-bauxite luggage, car-top carriers, power tools, fire retardant China, USA, Israel, Brazil, Russia, Kazakhstan and Turkey.	Magnalium Resilience mirrors, scientific instruments	Aluminum Purpose ore-dolomite kitchen utensils, window frames, foils, and so much more France, Australia, Africa, South America and the Caribbean	
Capital Blocks									
Round Seven	Titanium Patience ore- rutile aircraft, spacecraft, armor, naval ships South Africa, India and Sierra Leone	Nitinol Perception dental implants, heart stints	Nickel Experiences for all Senses ore- garnierite coins, vegetable oil and glass making Dominican Republic, Oregon, North Carolina, South Africa, India and Sierra Leone	Platinum Kindness ore-sperrylite catalyst for chemical reactions, jewelry, catalytic converter Canada, South Africa, Russia	Plat-dium Responsibility micro electrodes for nerve stimulation	Iridium Understanding ore- iridium impact clay tipping pens, compass bearings, electric contacts Australia, South Africa, Russia, Canada, US	Cobalt Goodness ore- erythrite an essential part of vitamin B12, color for pottery, tile, enamel and more Congo, Russia, Australia, Philippines, Madagascar, Guinea	Vitallium Ability artificial joints, turbochargers	
Pier Blocks									
Round Six	Copper Love ore- malachite jewelry, tools, coins, wire Chile, Mexico	Bronze Loving Prepared Environment coins, sculptures, bellows	Tin Order ore- cassiterite tin cans, window glass Malasia, Thailand, Indonesia, Bolivia, Canada, Spain, Japan	Carbon Care ore-graphite coal, fuel, diamonds, crucibles diamonds are carbon too!	Steel Stability bridges, mesh building materials, nails	Iron Sense of Safety & Peace ore-hematite industries, vehicles, tools Minnesota, Michigan, Canada, Sweden, Brazil, Australia	Antimony Joy ore-stibnite diodes and infrared detectors China, Russia, Burma, Bolivia, Tajikistan	Antimonial Lead Energy batteries	
Foundation Blocks									
	Metal	Alloys	Metal	Metal	Alloys	Metal	Alloys	Metal	
	Bullying and Betrayals that interfere with Order, Knowledge, Physical Well-being is Reckless Royals			Bullying and Betrayals that interfere with Sense of Safety, Relationships, Liberty, Revengful Robin Hoods			Bullying and Betrayals that interfere with Skills, Purpose, Happiness, Ruthless Raiders		
	energy heat beat heart the how magnet arrangement pace setter			waves water awareness head the why quantum physics/coherence focus fast			matter mass speed gut the what material gravity classic physics/ incoherence slow		

Humankind Conservatory Blocks

• These Three Rounds Begin at the Bottom Row and Move Upward •

This is the reference table, for the building blocks on the game board, is a set of elements for a stronger community, each with a corresponding analogy of two metals.

