

THE UNIVERSE STORY CALENDAR.org 2024ce

The Universe Story Calendar's 12 months of the year

Flaring Forth—13.8byp...Galaxies—13.5 byp...Supernovas---12.8byp...The Sun---4.6byp...Living Earth—4.4byp...Eukaryote Cells---2.5byp... Plants&Animals---541myp...Human Emergence---7myp...Neolithic Villages---10,000bce...Classical Civilizations---3500bce...NationScience---1543ce...Ecozoic Era---1950ce_

Classical Civilizations/October month-2023ce

Year of the Great Turning @round!- 88 civilizations collapsed into ruin from 3,000bce to 1,000ce. Another 100 have come and gone through collapse since 1,000ce. Our present cultures and nations can be considered as one, interdependent, global, planetary human civilization.

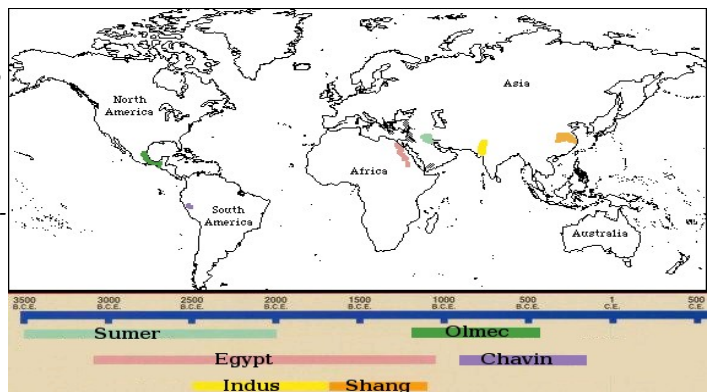
OVERSHOOT-"The more potent human technology became, the more man turned into a colossus. Each human colossus required more resources and more space than each pre-colossus." pg. 155 *Overshoot*. William Catton, Jr. 1980ce. [Drawdown.org Solution #58 Landfill Methane capture](#)

The Universe Story- The Classical Civilizations entered the Human Story around 3500bce with the increase in population and the need of various resources which cities provided. Chronic warfare, the major religions along with nation building was happening all the way up to the 1500's of our Common Era (ce). With the world population between 400-500 million people, the close of the Classical Civilizations period saw a deadly outbreak of the Black Death in Europe beginning in 1340ce that killed around 30 million people.



Right: Classical Civilizations from 3500bce to 500ce. Image Credit: the24hourtala-Wordpress.com

Left: Thomas Berry, who this new world calendar is dedicated to, was a cultural historian. In his book, *The Universe Story*, co-authored with Brian Thomas Swimme, a full chapter is focused on these Classical Civilizations. Image Credit: Thomas Berry Foundation



NationScience/November month-2023ce

"Membership in the nation community easily becomes more significant than membership in a religious or cultural tradition. The nation-state has indeed become the sacred community." The Universe Story page 213 Rise of Nations

"New technologies were emerging, new instruments of navigation, new ways of plotting the seas and continents, new instruments of warfare, new energy sources, new methods of production and commercial distribution."

The Universe Story page 225 The Modern Revelation chapter

Year of the Great Turning @round- "New technologies..." of all kinds have been emerging these past 500 years with no real resource limits set. Each human being alive today needs to know this fact.

OVERSHOOT-The last three chapters of Catton's book *Overshoot* are "Backing into the Future", "Turning Around", and "Facing the Future Wisely." Who is? [Drawdown Solution #59 Bike Infrastructure](#)

The Universe Story- This month sees two chapters coming together from TUS book that have the same time periods, 1543-1950ce, beginning with Copernicus' *De Revolutionibus* book that told the fact that the Earth revolves around the Sun, not the other way around. Nations had the other kind of "Revolution" going on as the numbers of countries grew to 193 (in the United Nations) by 2023ce.

Chart #13 below shows the paradigm shift that is happening at this time in our journey as a Human Species, at this time of Great Promise and Great Peril, when our new World Calendar comes forth!

INVENTIONS

- ❖ 1593 - THERMOMETER
- ❖ 1597 - COMPASS
- ❖ 1609 - TELESCOPE
- ❖ 1641 - PENDULAM CLOCK

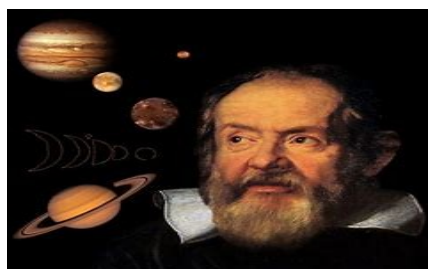


Chart #13: Major Historical Transmutations and Transitions on Berryan Date #0 Unverseday, NationScience/Nov 9, 2017 CE

Major Transition	From-Past	To-Berryan Date #0, 2017 CE
Common Story	Stagnant, old Universe	The Universe Story
Eon	Phanerozoic Eon 570 MYA	The Universe Story Eon (U!)
Era	Cenozoic Era 67 MYA	The Ecozoic Era (Earth)
Period	Cl. Civilizations 3500 BCE	The Anthropocene (Human)
World Calendar	TGC 1582 CE	The Universe Story Calendar
Dates	TGC Lilian Date #1 1582 CE	TUSCBerryan Date #0 2017 CE

Above: Galileo Galilei and his inventions during our NationScience time period of 1543-1950ce. He is seen as one of our greatest scientists. He led the way to our nations of today astronomy, technology, and scientific facts and methods over religious beliefs. His discovery of Jupiter's four moons with his nine inch telescope paved the way for confirmation of Nicholas Copernicus' theory of a helio/sun-centered Universe at that time. Image Credit: Owlcation (Galileo and planets); Slideshare (Inventions)

THE UNIVERSE STORY CALENDAR-*NationScience/Nov.-2023ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
NationScience Month covers 1543-1950ce	Sun and Moon Times for Kirkwall, Orkney Isles, Scotland	www.TheUniverseStoryCalendar.org	1	2 International Day to End Impunity for Crimes against Journalists-UN	3	4 Sunrise: 7:38am ☀ Last Qtr: 8:38am Moonset: 3:09pm Sunset: 4:13pm Moonrise: 10:24pm 🌑
5 UN-Inter. Week of Science & Peace-Day 1 World Tsunami Awareness Day-UN	6 International Day for Preventing the Exploitation of Envir. In War/Armed-UN	7 <i>Earthday Weekly #313</i>	8 <i>Last day of The Roman Gregorian Calendar of 1582-2017ce on 11/8/2017ce</i>	9 2 nd Universe Day International!-TUSCI 6 th Anniversary of The Universe Story Calendar 2017-23CE 31 st Anniversary of The Universe Story!	10 World Science Day for Peace and Development-UN Berryan Date #2192 Thomas Berry's 109 th Anniversary of Birth (on the 9 th)	11 UN-Inter. Week of Science & Peace-Day 7 **FLARING FORTH** CELEBRATION! 31 st Anniversary of The Universe Story!! Time and Place TBA
12	13 Sunrise: 7:57am ☀ Moonrise: 8:21am New Moon: 9:29am Moonset: 3:24pm Sunset: 3:55pm	14 World Diabetes Day-UN <i>Earthday Weekly #314</i>	15	16 International Day of Tolerance-UN World Philosophy Day-UN	17	18
19 International Restorative Justice Week 19 th -25 th	20 World Day of Remembrance Road Traffic Victims-UN Sunrise: 8:14am ☀ First Qtr: 10:51am Moonrise: 2:20pm Sunset: 3:41pm Moonset: 11:13pm	21 World Television Day-UN <i>Earthday Weekly #315</i>	22	23	24	25 International Day for Elimination of Violence against Women-UN
26 Liturgical New Year: Western Christians	27 Sunrise: 8:29am ☀ Moonset: 9:11am Full Moon: 9:17am Moonrise: 2:45pm Sunset: 3:29pm	28 <i>Earthday Weekly #316</i>	29 International Day of Solidarity with the Palestinian People-UN	30 All Victims of Chemical Warfare-UN	KEY for Terms TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AofT=As of Today U!=Universe

The Ecozoic Era/December month-2023ce

“We few billion humans alive today represent through no democratic choice whatsoever the millions of generations of our ancestors and millions more generations of our potential descendants, with all their hopes and dreams and creations. We randomly-alive-today people actually have the power to end this evolutionary miracle...”

The New Universe and the Human Future (Abrams-Primack) page 100

Year of the Great Turning @round!- This final month of the sixth full year of *The Universe Story Calendar* brings reality to The Ecozoic Era (TEE). Unlike the old December this new month wakes us to this fact: *“We randomly-alive-today people actually have the power to end this evolutionary miracle...”*

OVERSHOOT-This Ecozoic Era calls each individual human being to begin *“Facing the Future Wisely.”* Through deep acceptance and pro-generative resolutions to our ecological choices over our past 300 years of industrialism, we can wisely begin to adapt. **Drawdown Solution #60 Composting**

The Universe Story- This month brings forth our new Eon beginning in 1950ce; The Universe Story Eon (TUSE). TUSE gives us our comprehensive context going forward to understand and celebrate. In addition, The Anthropocene Period (TAP), is welcomed as our Human species becomes consciously self-aware.

Ecozoic Solstice is celebrated World-wide this month. The Ecozoic Season lasts until Supernovas Equinox.

Table 2: Analysis of Several Modes of Adaptation to Ecologically Inexorable [Impossible to stop] Change

NEW ECOLOGICAL UNDERSTANDINGS in “Overshoot” by William Catton, Jr. pg 71.

Adaptations (by some)	Circumstance:	Consequence:	Names
Major Institutional = change essential	Circumstance: Age of Exuberance is Over	+ Consequence: Change to forms that accord with finite limits	= Realism
Faith in Technology & = Progress to save us	Circumstance accepted	+ Consequence disregarded	= Cargoism
Family planning, recycling, = anti-pollution will save us	Circumstance disregarded	+ Consequence partially accepted	= Cosmeticism
No History significance = Limitlessness Valid =	Circumstance disregarded Circumstance denied	+ Consequence disregarded + Consequence denied	= Cynicism = Ostrichism

ABOVE: The essential move from “Limitlessness of resources/Ostrichism” to “Deep adaptation to Human Overshoot/Realism.” Where/who are you?

THE UNIVERSE STORY CALENDAR *Ecozoic Era/December-2023ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31 <i>New Year's Eve-The Universe Story Calendar</i>	<i>KEY for Terms</i> by=Billions Years my=Million Years byp=Billions Years Past myp=Million Years Past AoT=As of Today U!=Universe UTC=Universal Time Coordination-UK	<i>KEY for Terms</i> TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era EST=Eastern Standard Time-USA	Sun and Moon Times for Turks & Caicos Islands, Cockburn Town		1 World AIDS Day-UN	2 International Day for the Abolition of Slavery- UN
3 International Day of Persons with Disabilities- UN	4	5 World Soil Day-UN International Volunteer Day-UN <i>Earthday Weekly #317</i>	6 Last Qtr: 12:50am ☾ Sunrise: 6:08am Moonset: 12:22pm Sunset: 5:02pm Moonrise: none ON THE 5TH	7	8	9 International Anti- Corruption Day-UN
10 Human Rights Day-UN	11 International Mountain Day-UN	12 International Universal Health Coverage Day-UN <i>Earthday Weekly #318</i>	13 Moonrise: 5:53am ● Sunrise: 6:12am Moonset: 4:46pm Sunset: 5:03pm New Moon: 6:33pm ON 12TH	14	15 <i>Berryan Date #2227</i>	16
17	18 International Migrants Day-UN	19 Sunrise: 6:16am ☽ Moonrise: 11:50am First Qtr: 1:40pm Sunset: 5:06pm Moonset: none <i>Earthday Weekly #319</i>	20 International Human Solidarity Day-UN	21 Ecozoic/Dec Solstice & Season World/Earth- wide 7:27pm PST 03:27 UTC on the 22 nd Yule/New Year-Witta	22 <i>The Ecozoic Season begins. It ends on Supernovas/March Equinox.</i>	23
24	25	26 Moonset: 6:04am ○ Sunrise: 6:20am Moonrise: 4:53pm Sunset: 5:10pm Full Moon: 7:34pm <i>Earthday Weekly #320</i>	27 International Day of Epidemic Prep.-UN	28 2024ce: Year of Facing the Future Wisely! TUSCI	29	30 <i>The 31st, New Year's Eve, of 2024ce is above in the first row.</i>

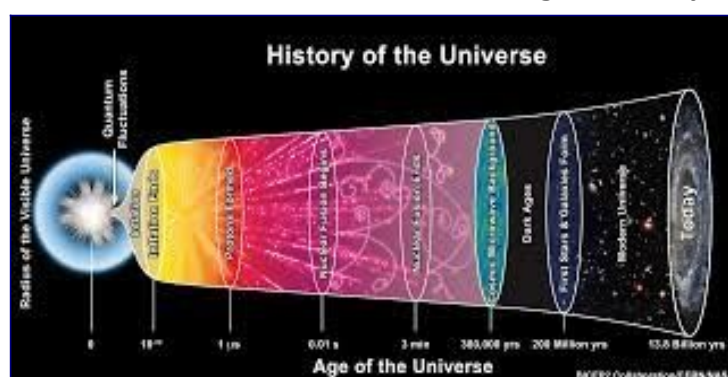
Primordial Flaring Forth/January month-New Year 2024ce!

“13.8 Billion Years has passed since our glorious beginning. When our Story of Unity, starting unfolding our Universe. Twinkle, twinkle, came our Stars, Octillions in the two trillion Galaxies.” Thomas R Spiritbringer

Welcome to the beginning of the seventh full year of The Universe Story Calendar: **2024ce-The Year of Facing the Future Wisely!** From this Flaring Forth month to the concluding Ecozoic Era month we will journey together as the Human Family with a sense of gratitude, reverence, and awe for this common New Story of how “all that is came to be.” This is the year for “Universe consciousness!”

OVERSHOOT- “Backing into the Future”, “Turning Around”, and “Facing the Future Wisely” are the last three chapters of the “Overshoot” book. Where are you? **Drawdown(of CO²) Solution #61 Smart Glass**

The Universe Story- These first 31 days of 2024ce celebrate the Flaring Forth of our Universe covering the first one billion years of the New Story. From the Origin Seed of all the Physical-Material and Psychological-Spiritual Energy that would ever exist in the Universe to the birthing of the very first Galaxy is celebrated!



2024ce: International Year and Decade of: **The Year of: *Facing the Future Wisely! (FFW)-TUSCI** & ***Camelids: Camels, alpacas, llamas, vicunas, and guanacos-United Nations (UN)**

And Decade of: *The Family Farming-2019-28ce-UN & *Indigenous Languages 2022-31ce-UN

Above: The Primordial Flaring Forth/Big Bang of the Universe began after the energy of Quantum Fluctuation. Image Credit: Wikipedia Commons

THE UNIVERSE STORY CALENDAR-Flaring Forth/January-2024ce

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2024ce!	1 New Year's Day! The Universe Story Calendar!	2 PERIHELION 4:38pm PST 91,404,095 miles from Sun to Earth <i>Earthday Weekly #321</i>	3	4 World Braille Day-UN ☾ Moonrise: 12:41am Sunrise: 5:38am Moonset: 1:21pm Last Qtr: 1:32pm Sunset: 8:52pm	5	6
	7	8	9 <i>Earthday Weekly #322</i>	10	11 ☀ Moonrise: 4:39am Sunrise: 5:45am Sunset: 8:51pm Moonset: 9:10pm New Moon: 9:59pm	12 Berryan Date #2255 <i>Berryan Date is the number of days since the start of TUSC in honor of Thomas Berry</i>
14 Orthodox Christian New Year	15	16 <i>Earthday Weekly #323</i>	17	18 ☽ Moonset: 12:08am Sunrise: 5:53am Moonrise: 1:44pm First Qtr: 1:54pm Sunset: 8:48pm	19	20
21	22	23 <i>Earthday Weekly #324</i>	24 International Day of Education-UNESCO	25	26 ☽ Full Moon: 3:55am Moonset: 5:55am Sunrise: 6:04am Sunset: 8:42pm Moonrise: 9:25pm	27 Int'l Holocaust Remembrance Day-UN
28	29	30 World Neglected Tropical Diseases Day-UN <i>Earthday Weekly #325</i>	31	Sun and Moon Times are for Hobart, Tasmania	<i>Many faiths, nations, cultures and calendars celebrate Flaring Forth 1, 2024ce as New Year's Day.</i>	2024ce Year of Facing the Future Wisely!

Calendar format courtesy of 2017 Edwards Apps, Inc. www.SunriseSunset.com.

Galaxies/February month-2024ce

Hydrogen and helium “will tell us tremendously important things about the Milky Way, but unless we also reflect on the fact that the Milky Way in its later modes of being is capable of thinking and feeling and creating, we are failing to confront the galaxy as it is.” The Universe Story page 38 Galaxies chapter

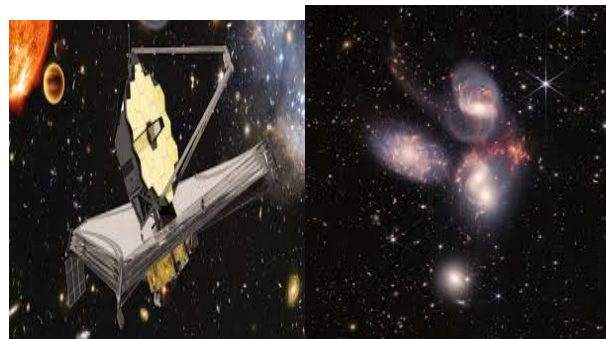
Year of Facing the Future Wisely!-Each of us are the mode of being that is “capable of thinking and feeling and creating.” This whole year is dedicated to offering each of us humans the opportunity to “Face the Future Wisely” and seek out who we are, where we are going, how to get there, and why.

OVERSHOOT- As our galaxy is a generator and birther of stars and planets, we Homo sapiens creator have overshoot our use of natural resources to make things & objects. Solution #62 Women Smallholders

The Universe Story- Galaxies month represents around two trillion galaxies that have come forth in the Universe beginning about 300 million years after the primordial Flaring Forth 13.8byp. As with MilkyWayday, Galaxies month deeply honors our barred spiral galaxy that has birthed the Sun, Earth, and us.

Chart #3 Ages of the Universe Community Beings Representing the Days of the Week

<u>The Gregorian Calendar</u>	<u>The Universe Story Calendar</u>
Sunday/Sun-4.6 BY	Universe day/Universe-13.8 BY
Monday/Moon-4.55BY	MilkyWayday/MW Galaxy-13.5BY
Tuesday/Mars-4.55BY	SolarSystemday/Solar System-4.6 BY
Wednesday/Mercury-4.55BY	Sunday/Sun-4.6 BY
Thursday/Jupiter-4.55BY	Moonday/Moon-4.55BY
Friday/Venus-4.55BY	Earthday/Earth-4.55BY
Saturday/Saturn-4.55BY	Humanityday/Humanity-7 MY



2024ce: Year of Facing the Future Wisely! and the James Webb Space Telescope! Our Milky Way Galaxy birthed our Sun, then Sun birthed Earth. Each individual human being was birthed here on Earth. Chart #3 above is taken from the book The Universe Story Calendar. Above: The James Webb Space Telescope (JWST) was launched on Ecozoic/Dec. 25, 2021ce. It is 100 times stronger than the Hubble Telescope. It is one million miles up in space at the LaGrange/L2 Point. Hubble was only 300 miles up! JWST is taking us back to the first galaxies some 13.5 billion years past! Check out NASA.gov for pics. Image Credit: esa.int (Left) and NASA.gov (Right)

THE UNIVERSE STORY CALENDAR-Galaxies/February-2024ce

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Galaxies began forming around 13.5byp	Sun and Moon times are for Horta, Ilha do Faial, Azores	2024ce is a Leap Year! 29 days in Galaxies Month. Once every four years!		1 World Interfaith Harmony Week-UN 1-7	2 World Wetlands Day-UN ☾ Moonrise: 12:52am Sunrise: 8:00am Moonset: 11:33am Sunset: 6:16pm Last Qtr: 10:19pm Berryan Date #2176	3
4 World Cancer Day-UN	5	6 International Day of Zero Tolerance to Female Genital Mutilation-UN Earthday Weekly #326	7	8	9 ☀ Sunrise: 7:53am Moonrise: 7:57am Moonset: 6:00pm Sunset: 6:24pm New Moon: 10:00pm	10 Evolution Weekend 9 th to 11 th -TUSCI Darwin's Birth 1809ce World Pulses/ Edible Legume Seeds-UN Chinese New Year until 25th
11 International Day of Women and Girls in Science-UN Losar-Tibetan Buddhism New Year: 10 th to 12 th	12	13 World Radio Day-UN Earthday Weekly #327	14	15	16 ☾ Moonset: 1:31am Sunrise: 7:45am Moonrise: 11:27am First Qtr: 2:02pm Sunset: 6:32pm	17
18	19	20 World Day for Social Justice-UN Earthday Weekly #328	21 International Mother Language Day-UN	22	23	24 ☽ Sunrise: 7:35am Moonset: 7:51am Full Moon: 11:32am Sunset: 6:41pm Moonrise: 6:50pm
25	26	27 Earthday Weekly #329	28	29	KEY for Terms TUSCI=The Universe Story Calendar Initiative TUS=The Universe Story TGC=The Gregorian Calendar ce=Common era bce=Before common era	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U=Universe UN=United Nations

Supernovas/March month-2024ce

“If there is any event in the Universe with the power to evoke a sense of the sublime, it is the Supernova explosion. It is spectacular in the present; it shapes the future; and it has been prepared for since the beginning of time.”

The Universe Story page 49 Supernovas chapter

Year of Facing the Future Wisely! As the Supernova “has been prepared for since the beginning of time” so have you and me. Each individual human being has been generated and birthed from Supernova star-stuff that can be traced back to the Primordial Flaring Forth 13.8byp. The Universe and Earth are two of the great generators and birthers of our Homo sapiens creator sub-species. With the aid of educational teaching tools like this calendar each individual human’s journey unfolds.

OVERSHOOT- Similar to human overshoot of non-renewable natural resources, supernovas had been unfathomable and inconceivable until late last century! **Drawdown Solution #63 Telepresence**

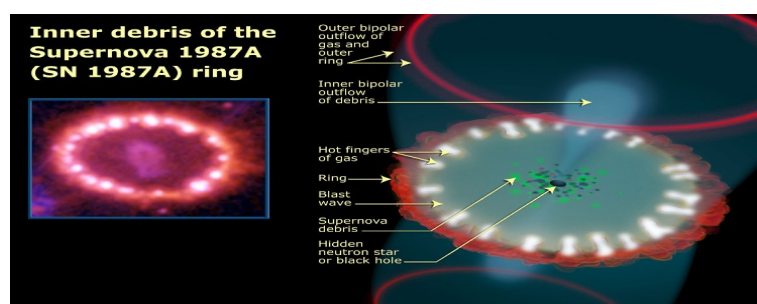
The Universe Story- Supernovas are certain giant stars that implode and explode, spewing out into the Universe the building block elements of carbon, nitrogen, oxygen and others, that will form new stars, planets, and moon satellites. The “super-luminous” Supernova ASASSN#15 was reported on June 15, 2015ce from Cerro Tololo, Chile with a brightness 570 billion, yes billion, times that of our Sun! These facts can help us see the gift-giving generosity, expansive powers, and pro-generativity of our Universe and Supernovas.

Supernovas/March Equinox and Season in 2024ce Many humans on Earth experience about 12 hours of daytime and nighttime at Equinox. The new Earth-wide name of Supernovas Equinox brings unity. The new Supernovas Season moves through the Sun and Living Earth months ending at Eukaryotes/June Solstice. Chart #10 below is from TUS Calendar book pg. 102. Book pdf for download at www.theuniversestorycalendar.org

Chart #10: 5 Stages of an Average Stars Life Process

Age	Heat Level	Color	Star
0-2 BY	Very Hot-20-30,000K	Blue	Rigel
2-4 “	Hot-10,000Kelvin	White	Vega, Sirius
4-6 “	Warm-6-7,000K	Yellow	Sun
6-8 “	Cool-4,000K	Orange	Arcturus
8-10+	Cooler-3,000K	Red	Betelgeuse

Far Right: The inner debris of Supernova 1987A. Supernovas help us Humans realize just how expansive our Universe is. Image Credit: HUBBLE



THE UNIVERSE STORY CALENDAR *Supernovas/March-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	<i>KEY for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U=Universe UN=United Nations	<i>KEY for Terms</i> TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	Sun and Moon times are for South Pole		1 Zero Discrimination Day-UN	2
3 World Wildlife Day-UN Sun: up all day Moon: up all day Last Qtr: 3:25pm 🌑	4	5 <i>Earthday Weekly #330</i>	6	7	8 International Women's Day-UN <i>Berryan Date #2211</i>	9
10 Sun: up all day Moon: up all day New Moon: 9:02am 🌑	11 International Fukushima Disaster Remembrance Day	12 <i>Earthday Weekly #331</i>	13	14 Sikh New Year's Day 556 Nanakshahi	15	16
17 Sun: up all day First Qtr: 4:12am Moon: down all day 🌑	18	19 <i>The Supernovas Season begins! It ends on Eukaryotes Solstice.</i> <i>Earthday Weekly #332</i>	20 Supernovas/ March Equinox Earthwide 8:07pm PDT on 19 th 3:07am UTC on 20 th <i>Bahai-Naw-Ruz New Year #181</i>	21 Week of Solidarity w/Peoples Struggling against Racism-UN International Day of Nowruz-UN	22 World Water Day-UN International Day of Forests-UN (21st) World Downs (21st) Syndrome Day-UN	23 World Meteorological Day-UN
24 World Tuberculosis Day- WHO	25 International Day of Remembrance of Victims of Slavery-UN	26 Sun: down all day Moonrise: 2:00am 🌑 Full Moon: 7:01am Moonset: none on 25 th <i>Earthday Weekly #333</i>	27	28	29	30 <i>31st is in top row on the left.</i>

Sun/April month-2024ce

“And at least one of these, the Sun, managed to enter the deeper reaches of the Universe creativity, a realm where the complexity, self-manifestation, and reciprocity at the very heart of the Universe revealed themselves in a way transcending anything that had occurred for ten billion years-as an extravagant, magical and Living Earth burst into a new epoch of The Universe Story.” The Universe Story page 79 Sun chapter

Year of Facing the Future Wisely!- Our entire stellar system humans named “solar” is a system of planets, satellite moons, asteroids, etc. that were in some manner generated and birthed through our day star we named Sun. Universe gifted us with a medium yellow star unlike any other by far. Through the Sun, our garden planet named Earth, was born. Then Earth birthed the only plants and animals, including individual human beings, alive, as of today, in the Universe. Each member of our species alive in 2024ce is invited to this new story of how each human came to be.

OVERSHOOT- *Facing the future wisely can happen for individual human beings through processes like Deep Adaptation. (ref. book by Bendell and Read 2021ce) Drawdown Solution #64 Methane Digesters*

The Universe Story- Our day star Sun is one of up to 400 billion stars in our Milky Way galaxy. 1.3 million Earth’s would fit into our Solar System’s centerpiece. Sun’s gravity pulled bits and pieces of Supernova explosions to birth our “Garden planet of the Universe” and become our “Bringer of Energy” for the last 4.6 billion years! This month also brings us the Cosmogenetic Principles of Differentiation/Uniqueness, Subjectivity/Interiority, and Communion/Kinship. Cosmogenesis=Universe is ever-changing and dynamic.

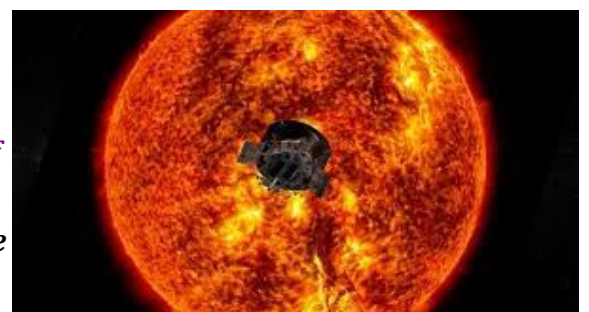
Earthday Weekly & Earth Day Yearly in Sun/April 2024ce!

Each week on the former Tuesday is Earthday Weekly to celebrate our planet. 52 times a year!

Celebrate our day star Sun’s gift of the generation and birth of our planet Earth each Earthday Weekly!

The Parker Solar Probe is giving us a new relationship with the source of all our energy here on Earth.

Parker Solar Probe. Image Credit: NASA.gov



THE UNIVERSE STORY CALENDAR *Sun/April-2024ce*

TUSC>Sunday TGC>Sunday	Moonday Monday	Earthday Tuesday	Humanityday Wednesday	Unverseday Thursday	MilkyWayday Friday	SolarSystemday Saturday
	1 Moonrise: 12:34am Sunrise: 6:19am Moonset: 11:30am Sunset: 6:39pm Last Qtr: 10:16pm 🌘	2 World Autism Awareness Day-UN <i>Earthday Weekly #334</i>	3	4 International Mine Awareness Day-UN	5 International Day of Conscience-UN Berryan Date #2239	6 International Day of Sport for Development and Peace-UN
7 Day of Victims of Rwanda Genocide-UN World Health Day- WHO	8 Moonrise: 6:04am Sunrise: 6:13am New Moon: 1:22pm Sunset: 6:41pm Moonset: 6:52pm 🌑	9 <i>Earthday Weekly #335</i>	10	11	12 International Day of Human Space Flight-UN	13
14	15 Moonset: 12:59am Sunrise: 6:08am Moonrise: 12:02pm First Qtr: 2:14pm Sunset: 6:43pm 🌒	16 <i>Earthday Weekly #336</i>	17	18 Unverseday The Universe Story Calendar's Earthday Celebration Week! Sun/Apr. 18-24	19 MilkyWayday	20 SolarSystemday
21 Sunday	22 Moonday 54th Anniversary! Int'l EARTH DAY YEARLY-UN 1970-2024ce!	23 Earthday Weekly International #337 Moonset: 5:42am Sunrise: 6:02am Moonrise: 6:43pm Sunset: 6:45pm Full Moon: 6:50pm 🌕	24 Humanityday	25 World Malaria Day-WHO Int'l Girls in ICT Day-UN	26 International Chernobyl Disaster Remembrance Day-UN	27
28 World Day for Safety and Health at Work-UN	29	30 International Jazz Day-UN <i>Earthday Weekly #338</i>	KEY for Terms TUSCI=The Universe Story Calendar Initiative TUS=The Universe Story Calendar TGC=The Gregorian Calendar ce=common era bce=before common era	Sun & Moon times are for George Town, Cayman Islands	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe WHO=World Health Organization	The Sun is 4.6 billion years young! Sun is in mid-life Now!

Living Earth/May month-2024ce

“Sun and Earth awakened Earth’s life. The energy in the Solar System transformed atmosphere and ocean, swirled into young seething Earth and erupted as lightning that initiated the proto-cellular chemical reactions. Life was born in a lightning flash.” The Universe Story page 86 Living Earth chapter

Year of Facing the Future Wisely! Every human being in 2024ce would benefit from knowing the five eons of Earth’s story. Hadean 4.567-4.0byp; Archean 4.0-2.5byp; Proterozoic 2.5byp-541myp; Phanerozoic 541myp-1950ce; The Universe Story 1950ce-Future. Living Earth’s story is our story!

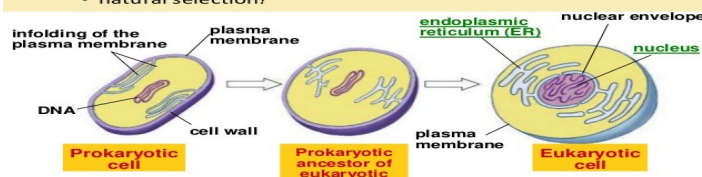
OVERSHOOT- Homo sapiens creator were birthed within the Homo genus as one of the Earth Community of Beings subspecies, part of the living Earth. Drawdown.org #65 Nutrient Management

The Universe Story- After the Universe “Flared Forth” with Galaxies, Stars and Supernovas, they then evolved into Stellar Systems with revolving planets. Earth is the one planet we know of As of Today that is “Living.” During the Archean Eon of 4.0-2.5byp, Living Earth month educates us on those building block prokaryote cells of life after 600 million years of planet and asteroid bombardment of our molten planet.

Living Earth Month Events 2024ce- This month is dedicated to the Sun/Moon times of Sark, Guernsey, Channel Islands. International Biological Diversity Day is on the 22nd.

First Eukaryotes (about 2 billion years ago)

- Development of internal membranes
 - create internal micro-environments
 - **advantage:** specialization = increase efficiency
 - natural selection!



Left: Life became more complex around 2.0-2.5byp when the first cells, the Prokaryotes (4byp-2.5byp), began to share in common Cells, Cell Membranes and Ribosomes with the new Eukaryotes (2.0-2.5byp). Image Credit: slideshare

Right: The Living Planet Earth is the host of our Earth Community of Beings which include all minerals, seas, plants, and animals including humans. It also includes these four major spheres of our “garden planet



of the Universe.” This calendar aims at showing how we humans are not separate from this beautiful Living Earth Community. Image Credit: Weebly

THE UNIVERSE STORY CALENDAR *Living Earth/May-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sun & Moon times are for Sark, Guernsey, Channel Islands	KEY for Terms TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe WHO=World Health Org.	1 Moonrise: 3:14am Sunrise: 5:47am Last Qtr: 11:28am Moonset: 11:36am Sunset: 8:26pm ☾	2 World Tuna Day-UN	3 World Press Freedom Day-UN	4
5	6	7 <i>Earthday Weekly #339</i>	8 WWII Time of Remembrance and Reconciliation -UN	9 New Moon: 3:23am ● Moonrise: 5:25am Sunrise: 5:36am Sunset: 8:36pm Moonset: 9:43pm on the 8th	10 Int'l Day of Argania-UN <i>Berryan Date #2274</i>	11 World Migratory Bird Day-UNEP
12	13	14 <i>Earthday Weekly #340</i>	15 International Day of Families-UN Moonset: 2:45am Sunrise: 5:25am First Qtr: 11:49am Moonrise: 12:07pm Sunset: 8:46pm ☾	16 International Day of Light-UNESCO	17 International Day Against Biophobia, Homophobia, and Transphobia-UN	18
19	20 World Bee Day-UN	21 Int'l Tea Day-UN <i>Earthday Weekly #341</i>	22 International Biological Diversity Day-UN <i>TUSCalendar's 8th Ann. of its conception-2016ce!</i>	23 Moonset: 4:42am ○ Sunrise: 5:16am Full Moon: 1:54pm Sunset: 8:57pm Moonrise: 9:33pm	24	25
26	27	28 <i>Earthday Weekly #342</i>	29 United Nations Peacekeepers Day-UN	30 Moonrise: 2:04am ☾ Sunrise: 5:09am Moonset: 12:13pm Last Qtr: 5:14pm Sunset: 9:05pm	31 World No Tobacco Day-WHO	Earth is 4.57byp and Living Cells were birthed around 4.4byp

Eukaryote Cells/June month-2024ce

“Instead of failing, life mutated. A cyano-bacterium appeared...[Eukaryote Cells], that could deal with this oxygen, this powerful element that was tormenting all life. As was discussed in the story of the Supernovas, it was this very obstacle that made it possible for a creative advance to take place.” The Universe Story page 98 Eukaryotes chapter

Year of Facing the Future Wisely! - Our new story of the Universe has made possible for us humans to know that we to, like Eukaryote Cells on Earth 2.5byp “Instead of failing, life mutated.” Our Human Community of Beings are the alive ones called to “mutate” our consciousness around issues like Climate Change. What an honor and joy to be the alive ones at this time in the human story!

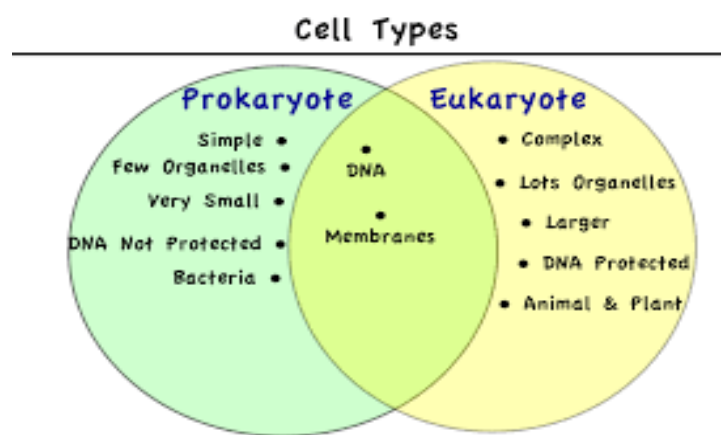
OVERSHOOT- *Eukaryotes, like humanity's overshoot, are inconceivable, incremental, and evolved in gradualism unnoticed until their predicament unfolded to fruition. Solution #66 High-Speed Trains*

The Universe Story- Eukaryotes month covers the Proterozoic Eon of 2.5byp-541myp when a Eukaryote cell appeared that invented respiration in order to deal with the death element oxygen! The next 2by would see sexual reproduction and the first multi-cellular animals appear. Jellyfish and flatworms would come forth before the Cambrian Extinctions wiped out 80-90% of all species 541myp.

Eukaryotes Solstice and Season in 2024ce!

Eukaryotes month celebrates our Earth-wide **Eukaryotes Solstice** that brings in Winter in the Southern and Summer in the Northern Hemisphere. The **Eukaryotes Season** takes us on a Universe Story journey from Cells to all Species, including when Humans emerged on Earth and eventually moved into Villages. Eukaryotes Season ends at Villages Equinox.

Above Right: The Prokaryote Cell transformutated into the Eukaryote Cell and was able to mutate the deadly element Oxygen into a breathable element so Life could continue. Image Credit: Pinterest.com



THE UNIVERSE STORY CALENDAR *Eukaryotes/June-2024ce*

TUSC>Sunday TGC>Sunday	Moonday Monday	Earthday Tuesday	Humanityday Wednesday	Universe day Thursday	MilkyWayday Friday	SolarSystemday Saturday
30 International Asteroid Day-UN	Sun and Moon times are for Port-au-Prince, Haiti	<i>KEY for Terms</i> TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era UTC=Universal Time Coord	<i>KEY for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U=Universe WHO=World Health Org EST=Eastern Standard Time USA UN=United Nations	Eukaryote Cells appear from 2.5-2.0byp-541myp		1 Global Parents Day-UN
2	3 World Bicycle Day-UN	4 International Day of Innocent Children of Aggression-UN <i>Earthday Weekly #343</i>	5 World Environment Day-UN	6 Moonrise: 6:02am ● Sunrise: 6:12am New Moon: 7:39am Sunset: 7:24pm Moonset: 7:54pm	7 World Food Safety Day-UN	8 World Oceans Day-UN
9	10	11 <i>Earthday Weekly #344</i>	12 World Day Against Child Labor-UN	13 International Albinism Awareness Day-UN	14 World Blood Donor Day-WHO Berryan Date #2309 First Qtr: 12:20am ● Moonset: 1:02am Sunrise: 6:13am Moonrise: 1:15pm Sunset: 7:27pm	15 World Elder Abuse Awareness Day-UN
16 International Day of Family Remittances-UN	17 World Day to Combat Desertification and Drought-UN	18 <i>Earthday Weekly #345</i>	19	20 Eukaryotes/June Solstice World/Earth-Wide 9:50UTC-1:50pmPDT World Refugee Day-UN	21 Moonset: 5:33am ○ Sunrise: 6:14am Sunset: 7:28pm Moonrise: 7:30pm Full Moon: 8:09pm	22 The Eukaryotes Season begins. It ends on Villages/Sept Equinox.
23 Public Service Day-UN International Widow's Day-UN	24	25 <i>Earthday Weekly #346</i>	26 International Day Against Drug Abuse & Illicit Trafficking-UN	27 Micro, Small and Medium-sized Enterprises Day-UN	28 Moonrise: 12:18am ● Sunrise: 6:16am Moonset: 12:39pm Last Qtr: 4:55pm Sunset: 7:30pm	29 International Day of the Tropics-UN <i>30th is in 1st row above</i>

Plants & Animals/July month-2024ce

“By the end of the Phanerozoic Eon, all five of the kingdoms of life were represented in Earth’s Community- Bacteria, Eukaryotes, Fungi, Plants and Animals.... There are an estimated 300,000 species of Plants, the 4th great kingdom.... The 5th kingdom is that of Animals, multicellular heterotrophs with developed capacities for digestion.”

The Universe Story pages 138-39 Plants & Animals chapter

Year of Facing the Future Wisely!- Botanists and biologists are discovering and naming new species all the time. Ironically, various plant and animal species are going extinct through the research in these same science fields. Individual scientists, like E. O. Wilson, have shown how each human alive today has a role to play in feeling and creating ways of coping with species extinctions.

OVERSHOOT 2024ce-The Earth Overshoot Day the last four years have been 8/22/2020ce; 7/29/2021ce; 7/28/2022ce; and 8/2/2023ce. This year's at OvershootDay.org. #67 Farmland Irrigation

The Universe Story- The Phanerozoic Eon from 541myp to 1950ce is full of storytelling that all ages of humans love: Dinosaurs, early Humans, first trees 370myp, extinctions, birth of the Atlantic Ocean, whales 25 myp, early cats & dogs 35myp. As we humans continue to companion and celebrate Plants & Animals a new understanding of their essential existence in the Earth Community will come forth!

Plants and Animals/Species Rule Now! Julius Caesar and his month July are history!



Right: Chart #8 from The Universe Story Calendar book, shows the deep new meaning TUSC brings forth.

Left: Plants & Animals month is a time of tremendous diversity and beauty. The conditions became right around 541myp for these new Earth Community Beings to come forth and flourish! This was the beginning of the Phanerozoic Eon of stupendous unfolding beauty. Image Credit: Weebly

Chart #8: Examples of Calendars, Their Months and Meanings

TGC	French Republican	Ugric Ostiak	TUSC
January(Two-faced God)	Nivose(snowy)	Great Month	Flaring Forth
February(Purif. Fest.)	Pluiose(rainy)	Little-Winter-Ridge	Galaxies
March(God of War)	Ventose(blustery)	Wind, Crows	Supernovas
April(Goddess of Love)	Germinal(seeding)	Spawning	Sun
May(Italian Goddess)	Floreale(blossoming)	Pine Sap-wood	Living Earth
June(Queen/Latin Gods)	Prairial(prairie)	Birch Sap-wood	Eukaryotes
July(Julius Caesar)	Messidor(harvest)	Salmon-weir	Plants & Animals
August(C. Augustus)	Thermidor(heat)	Hay Harvest	Human Emergence
September(7 th)	Fructidor(fruitful)	Ducks go-away	Neo. Villages
October(8 th)	Vendemiaire(wine harvest)	Naked Tree	Class.Civilizations
November(9 th)	Brumaire(foggy)	Pedestrian	NationScience
December(10 th)	Frimaire(frosty)	Men on Horseback	Ecozoic Era

THE UNIVERSE STORY CALENDAR *Plants & Animals/July-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universeday	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sun and Moon Times are for Mayabunder, Andaman/ Nicobar Islands, India	1	2 <i>Earthday Weekly #34</i>	3	4 APHELION 10:06 pm PST 94,510,539 miles From Earth to Sun	5 International Day of Co-operatives-UN on 6 th	6 New Moon: 4:29am ● Sunrise: 4:58am Moonrise: 5:01am Sunset: 5:49pm Moonset: 6:23pm
7	8	9 <i>Earthday Weekly #348</i>	10	11 World Population Day-UN	12 Berryan Date #2337	13
14 First Qtr: 4:20am ● Sunrise: 5:00am Moonrise: 11:32am Sunset: 5:49pm Moonset: 11:28pm	15 World Youth Skills Day-UN	16 <i>Earthday Weekly #349</i>	17	18 Nelson Mandela International Day-UN	19 Islamic New Year sunset the 18th until sunset tonight. New Year below. 1st of Muharram 1445 AH Anno Hegirae	20
21 Moonset: 4:36am ○ Sunrise: 5:02am Full Moon: 3:48pm Sunset: 5:48pm Moonrise: 6:00pm	22	23 <i>Earthday Weekly #350</i>	24	25	26 Mayan Calendar New Year	27 Sunrise: 5:03am ● Last Qtr: 8:23am Moonset: 11:25am Sunset: 5:47pm Moonrise: 11:17pm Times are on the 28 th
28 World Hepatitis Day- WHO Earth Overshoot Day-2022ce	29 Earth Overshoot Day-2021ce	30 International Friendship Day-UN UN-World Day Against Trafficking in Persons <i>Earthday Weekly #351</i>	31	KEY for Terms TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe UN=United Nations	Plants & Animals month is from 541myp-7myp

Human Emergence/August month-2024ce

“The drama of self-consciousness [of the Human] takes place in five phases: the primordial Emergence of the Human; the Neolithic settlements [Villages]; the Classical Civilizations; the rise of Nations; and the Ecozoic Era.”

The Universe Story page 143 Human Emergence chapter

Year of Facing the Future Wisely!-Thomas Berry encouraged our human journey through his famous statement “The historical mission of our time is to reinvent the human - at the species level.” When each human being digs into the history of our species we see that our journey has been trying to live up to our Homo sapiens (wise human) naming by the botanist Carl Linnaeus in 1758ce.

Overshoot-With human emergence celebrated from up to seven million years past to neolithic villages appearing 10,000bce, human overshoot potential began when Homo habilis 2.6myp created and made tools which have only evolved over time. Drawdown.org Solution #68 From Waste To Energy

The Universe Story- This Human Emergence month brings **Humanity Celebration Days** from the 9th to the 19th. Partnering with the United Nations(UN), three particular days will be our focus. The 9th is International World Indigenous People’s Day, the 12th is International World Youth Day, and the 19th is World Humanitarian Day. Celebrate with your family, school, or other group. Go to UN.org/observances for info.

Chart #2 below shows how Humanityday in the Days of the Week in The Universe Story Calendar celebrates our Human Story and Community where The Gregorian Calendar did not. From TUSC book, pg.45



Chart #2: The Renamed Days of the Week and their Ordering in The Universe Story Calendar

Renamed Days of the Week		Ordering of the Days of the Week	
Gregorian	The Universe Story	Gregorian	The Universe Story
From	To		
Sunday	Sunday	1 Sunday	1 Universeday
Monday	Moonday	2 Monday	2 MilkyWayday
Tuesday	Earthday	3 Tuesday	3 SolarSystem
Wednesday	Humanityday	4 Wednesday	4 Sunday
Thursday	Universeday	5 Thursday	5 Moonday
Friday	MilkyWayday	6 Friday	6 Earthday
Saturday	SolarSystemday	7 Saturday	7 Humanityday

Above: Human emergence in and then out of present day Africa to migrate to each of our continents of today. Image Credit: Slideplayer

THE UNIVERSE STORY CALENDAR *HumanEmergence/Aug-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sun and Moon Times for Gilbert Islands, Republic of Kiribati	Human Emergence Period is from 7myp-10,000 bce	<i>KEY for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe UN=United Nations	<i>KEY for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe UN=United Nations	1	2 2023ce's Earth Overshoot Day is today For 2024ce's go to OvershootDay.org	3
4	5 New Moon: 1:14am Sunrise: 8:29am Moonrise: 8:53am Sunset: 8:39pm Moonset: 9:19pm	6 Hiroshima 1945ce <i>Earthday Weekly #352</i>	7	8 Humanity Celebration Days! <i>Begin on the 9th to the 12th to the 19th of this Human Emergence month.</i>	9 International World Indigenous People's Day-UN (Celebration Day) TUSCI <i>Nagasaki 1945ce</i> <i>Berryan Date #2365</i>	10
11	12 International World Youth Day-UN (Celebration Day)	13 Moonset: 2:01am First Qtr: 5:20am Sunrise: 8:28am Moonrise: 2:30pm Sunset: 8:38pm	14	15 Humanity Celebration Days! <i>From the 9th to the 12th to the 19th of Human Emergence month.</i> TUSCI	16	17
18	19 World Humanitarian Day-UN (Celebration Day)	20 Full Moon: 8:27am Sunrise: 8:27am Moonset: 8:35am Sunset: 8:36pm Moonrise: 9:06pm	21 International Day Remembrance of Victims of Terrorism-UN	22 International Day of Violence from Religion & Belief-UN	23 International Day Remembrance of Slave Trade and its Abolition-UN	24
2	26 Moonrise: 1:20am Sunrise: 8:26am Moonset: 1:51pm Sunset: 8:34pm Last Qtr: 11:27pm	27	28	29 International Day against Nuclear Tests-	30 International Day of the Victims of Enforced Disappearances-UN	31 International Day for People of African Descent-UN

Calendar format courtesy of 2017Edwards Apps, Inc. www.sunrisesunset.com.

Neolithic Villages/September month-2024ce

“After 8000 BCE small settlements were growing beyond temporary encampments or cave dwellings into sustained forms of village life, consisting at first of a few hundred and later several thousand people.... If the first distinctive human relation with the planet Earth was the inauguration of tool-using processes, the second was the invention of horticulture and the domestication of animals within the context of the Neolithic Village.

The Universe Story pages 163-64 Neolithic Villages chapter

Year of Facing the Future Wisely!-With the arrival of neolithic villages came a new stage in the wisdom of Homo sapiens. Called the Great Disruption by some, this time showed how the last Homo species became more prolific inventors, creators, and makers of things and objects.

OVERSHOOT-Through domestication of plants and their seeds, animals including humans, and storage for later use, these former nomads transformed into the wise human creators of food, shelter, clothing, and a village! **Drawdown Solution #69 Electric Bikes**

The Universe Story- With the Human Emergence beginning 7myp many transitions took place before the Neolithic Villages came around 8,000bce. Early cattle and modern horses came around 3.6myp while humans developed as hunters and gatherers of food. The archaic Homo sapiens arrived some 300,000 years ago.

Villages/Sept. Equinox unites our human family with our Sun and Earth this month. The Villages Season lasts three months until the Ecozoic/Dec. Solstice, formerly the Winter/Summer Solstice.

In Chart #14 from TUSCalendar book, we see what the New Year was for those who celebrate The Hebrew New Year on Rosh Hashanah and The Islamic New Year on Muharram.

Chart #14
The Religion, Culture or Nation: What Year 2017 CE is for Them.

Representing	Year	Meaning of 2017 CE
The Universe Story	13.8 BY	Age of The Universe
The Hebrew Year	5777 AM	Anno Mundi“Year of The World”
Since Rome founded	2770 AUC	Ab Urbe Condita “founding of City”
The Moslem Year	1438 AH	Anno Hegira “Year of the Migration”
Human Family	2017 CE	Common Era Earth-wide



This Neolithic Village saved seeds each year and settled down. Image Credit: Shorthistory.org

THE UNIVERSE STORY CALENDAR *Neolithic Villages/Sept-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 JOIN TUSCI COMMUNITY AT TheUniverseStoryCalendar.org	2	3 Moonrise: 5:59am Sunrise: 6:05am New Moon: 11:57am Sunset: 6:28pm Moonset: 6:40pm <i>Earthday Weekly #356</i>	4	5 International Day of Charity-UN	6	7
8 International Literacy Day-UN	9	10 World Suicide Prevention Day-WHO <i>Earthday Weekly #357</i>	11 Sunrise: 6:05am Moonrise: 12:30pm First Qtr: 4:07pm Sunset: 6:22pm Moonset: 11:48pm	12 International Day for South-South Cooperation-UN	13 Berryan Date #2400	14
15 International Day of Democracy-UN	16 International Day-Preservation of the Ozone Layer-UN	17 <i>Earthday Weekly #358</i>	18 Moonset: 5:53am Sunrise: 6:06am Full Moon: 12:36pm Sunset: 6:16pm Moonrise: 6:27pm	19 International Equal Pay Day-UN on the 18 th	20	21 International Day of Peace-UN
22 Villages/Sept Equinox/Season World/Earth-wide 5:43pm PST 12:43 UTC	23 <i>The Villages/Sept Equinox Season begins. It ends on Ecozoic Solstice.</i>	24 <i>Earthday Weekly #359</i>	25 Last Qtr: 4:51am Sunrise: 6:06am Moonset: 1:03pm Sunset: 6:11pm Moonrise: none	26 International Day for Elimination of All Nuclear Weapons-UN	27 World Maritime Day-UN on the 26 th	28
29 World Rivers Day UN-International Day of Food Loss/Waste Reduction Awareness	30	Sun and Moon Times for Northern Marianna Islands, Saipan	<i>Key for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe WHO=World Health Org. ce=Before Common Era	<i>Key for Terms</i> TUSC=The Universe Story Calendar TUSCI-The Universe Story Calendar Initiative TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era	JOIN TUSCI COMMUNITY AT TheUniverseStoryCalendar.org	Neolithic Villages are from 8,000bce to 3,500 bce

Classical Civilizations/October month-2024ce

“Meanwhile the primary technological inventions were pushing on to ever-greater power and productivity. The natural world as a resource for human use was being discovered. This period at the close of the fourth and throughout the first half of the third millennium bce [4,000-3,500] was a decisive period in the advance of the human in its basic technologies.”
 The Universe Story page 184 Classical Civilizations chapter

Year of Facing the Future Wisely!- 88 civilizations collapsed into ruin from 3,000bce to 1,000ce. Another 100 have come and gone through collapse since 1,000ce. Our present cultures and nations can be considered as one, interdependent, global, planetary human civilization. Because of our human caused global overshoot of using up Earth’s non-renewable natural resources, humanity as a whole species is headed for a collapse of our planetary society as of today.

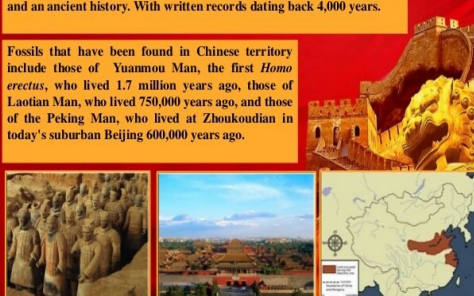
OVERSHOOT-“The more potent human technology became, the more man turned into a colossus. Each human colossus required more resources and more space than each pre-colossus.” pg. 155 *Overshoot*. William Catton, Jr. 1980ce. Drawdown.org Solution #70 *Recycled Paper*

The Universe Story- The Classical Civilizations entered the Human Story around 3500bce with the increase in population and the need of various resources which cities provided. Chronic warfare, the major religions along with nation building was happening all the way up to the 1500’s of our Common Era (ce). With the world population between 400-500 million people, the close of the Classical Civilizations period saw a deadly outbreak of the Black Death in Europe beginning in 1340ce that killed around 30 million people.

INTRODUCTION

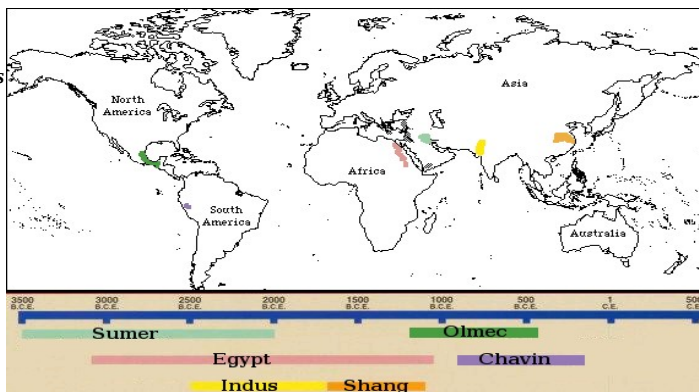
China is an East Asian country with a large territory, a huge population and an ancient history. With written records dating back 4,000 years.

Fossils that have been found in Chinese territory include those of Yuanmou Man, the first *Homo erectus*, who lived 1.7 million years ago, those of Laotian Man, who lived 750,000 years ago, and those of the Peking Man, who lived at Zhoukoudian in today's suburban Beijing 600,000 years ago.



Right: Classical Civilizations from 3500bce to 500ce. Image Credit: the24hourtala-Wordpress.com

Left: Classical Chinese Civilizations are one example of how humanity has evolved to today. Image Credit: Slideshare



THE UNIVERSE STORY CALENDAR *Classic. Civilizations/Oct-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Sun and Moon Times for Pitcairn Islands, Adamstown	Classical Civilizations month is from 3500bce to 1543ce	1 International Older Persons Day-UN <i>Earthday Weekly #360</i>	2 International Day of Non-Violence-UN Moonrise: 6:17am Sunrise: 6:19am New Moon: 10:51am Sunset: 6:40pm Moonset: 6:53pm	3 Rosh Hashana-Judaism New Year-5784 A.M.(Anno Mundi) sunset 2nd until nightfall on the 4th	4 Berryan Date #2421	5 World Teacher's Day-UN
6	7 World Habitat Day-UN	8 <i>Earthday Weekly #361</i>	9 World Post Day-UN	10 World Mental Health Day-UN Moonset: 1:18am Sunrise: 6:11am First Qtr: 10:56am Moonrise: 11:49am Sunset: 6:44pm	11 International Day of the Girl Child-UN	12
13 International Day of Disaster Risk Reduction-UN	14	15 International Day of Rural Women-UN <i>Earthday Weekly #362</i>	16 World Food Day-UN	17 International Day Eradication Poverty-UN Full Moon: 3:28am Sunrise: 6:04am Moonset: 6:06am Sunset: 6:47pm Moonrise: 7:28pm	18	19
20	21	22 <i>Earthday Weekly #363</i>	25	24 United Nations Day-UN Disarmament Week-UN	25 Last Qtr: 12:04am Moonrise: 1:40am Sunrise: 5:58am Moonset: 12:27pm Sunset: 6:51pm	26
27 World Day for Audio Visual Heritage-UN	28	29 <i>Earthday Weekly #364</i>	30 Disarmament Week Ends-UN	31 Samhain/Wiccan New Year World Cities Day-UN	KEY for Terms TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe UN=United Nations

NationScience/November month-2024ce

“Membership in the nation community easily becomes more significant than membership in a religious or cultural tradition. The nation-state has indeed become the sacred community.” The Universe Story page 213 Rise of Nations

“New technologies were emerging, new instruments of navigation, new ways of plotting the seas and continents, new instruments of warfare, new energy sources, new methods of production and commercial distribution.”

The Universe Story page 225 The Modern Revelation chapter

Year of Facing the Future Wisely!- “New technologies...” of all kinds have been emerging these past 500 years with no real resource limits set. Each human being alive today needs to know this fact.

OVERSHOOT-The last three chapters of Catton's book Overshoot are “Backing into the Future”, “Turning Around”, and “Facing the Future Wisely.” Who is? Drawdown Solution #71 Water Distribution

The Universe Story- This month sees two chapters coming together from TUS book that have the same time periods, 1543-1950ce, beginning with Copernicus' *De Revolutionibus* book that told the fact that the Earth revolves around the Sun, not the other way around. Nations had the other kind of “Revolution” going on as the numbers of countries grew to 193 (in the United Nations) by 2024ce.

Chart #13 below shows the paradigm shift that is happening at this time in our journey as a Human Species, at this time of Great Promise and Great Peril, when our new World Calendar comes forth!

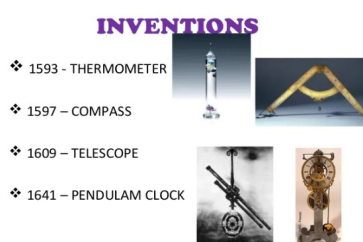


Chart #13: Major Historical Transmutations and Transitions on

Major Transition	From-Past	To-Berryan Date #0, 2017 CE
Common Story	Stagnant, old Universe	The Universe Story
Eon	Phanerozoic Eon 570 MYA	The Universe Story Eon (U!)
Era	Cenozoic Era 67 MYA	The Ecozoic Era (Earth)
Period	Cl. Civilizations 3500 BCE	The Anthropocene (Human)
World Calendar	TGC 1582 CE	The Universe Story Calendar
Dates	TGC Lillian Date #1 1582 CE	TUSCBerryan Date #0 2017 CE

Above: Galileo Galilei and his inventions during our NationScience time period of 1543-1950ce. He is seen as one of our greatest scientists. He led the way to our nations of today and their research in astronomy, technology, scientific facts, and methods over religious beliefs. His discovery of Jupiter's four moons with his nine inch telescope paved the way for confirmation of Nicholas Copernicus' theory of a helio/sun-centered Universe at that time. Image Credit: NASA.gov (Galileo and planets); Slideshare (Inventions)

THE UNIVERSE STORY CALENDAR-*NationScience/Nov.-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	Universe day	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
NationScience Month covers 1543-1950ce	Sun and Moon Times for Kirkwall, Orkney Isles, Scotland	www.TheUniverseStoryCalendar.org	<i>KEY for Terms</i> TUSC=The Universe Story Calendar TUS=The Universe Story TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era	<i>KEY for Terms</i> by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe	1 Sunrise: 7:30am ● Moonrise: 7:40am New Moon: 12:48pm Moonset: 3:46pm Sunset: 4:21pm	2 International Day to End Impunity for Crimes against Journalists-UN
3 UN-Inter. Week of Science & Peace-Day 1	4	5 World Tsunami Awareness Day-UN <i>Earthday Weekly #365</i>	6 International Day for Preventing the Exploitation of Envir. In War/Armed-UN	7 <i>Last day of The Roman Gregorian Calendar of 1582-2017ce on 11/8/2017ce</i>	8 Thomas Berry's 110th Anniversary of Birth on the 9th 7th Anniversary of The Universe Story Calendar 2017-24CE on the 9th First Qtr: 5:57am ●	9 2 nd Universe Day International!-TUSCI **FLARING FORTH** CELEBRATION! 32 nd Anniversary of The Universe Story!! Time and Place TBA
10 World Science Day for Peace and Development-UN	11	12 <i>Earthday Weekly #366</i>	13	14 World Diabetes Day-UN	15 Moonset: 7:43am ○ Sunrise: 8:04am Moonrise: 2:59pm Sunset: 3:49pm Full Moon: 9:30pm Berryan Date #2463	16 International Day of Tolerance-UN
17 International Restorative Justice Week 17 th -24 th	18 World Day of Remembrance of Road Traffic Victims-UN on the 17 th	19 <i>Earthday Weekly #367</i>	20 Universal Children's Day-UN	21 World Television Day-UN World Philosophy Day-UN	22	23 Last Qtr: 1:29am Sunrise: 8:22am ● Moonset: 1:55pm Sunset: 3:34pm Moonrise: 12:00am
24	25 International Day for Elimination of Violence against Women-UN	26 <i>Earthday Weekly #368</i>	27	28	29 International Day of Solidarity with the Palestinian People-UN	30 All Victims of Chemical Warfare-UN

The Ecozoic Era/December month-2024ce

"We few billion humans alive today represent through no democratic choice whatsoever the millions of generations of our ancestors and millions more generations of our potential descendants, with all their hopes and dreams and creations. We randomly-alive-today people actually have the power to end this evolutionary miracle..."

The New Universe and the Human Future (Abrams-Primack) page 100

Year of Facing the Future Wisely!- This final month of the seventh full year of *The Universe Story Calendar* brings reality to The Ecozoic Era (TEE). Unlike the old December this new month wakes us to this fact: *"We randomly-alive-today people actually have the power to end this evolutionary miracle..."*

OVERSHOOT-This Ecozoic Era calls each individual human being to begin "Facing the Future Wisely." Through deep acceptance and pro-generative resolutions to our ecological choices over our past 300 years of industrialism, we can wisely begin to adapt. Drawdown Solution #72 Biochar

The Universe Story- This month brings forth our new Eon beginning in 1950ce; The Universe Story Eon (TUSE). TUSE gives us our comprehensive context going forward to understand and celebrate. In addition, The Anthropocene Period (TAP), is welcomed as our Human species becomes consciously self-aware.

Ecozoic Solstice is celebrated World-wide this month. The Ecozoic Season lasts until Supernovas Equinox.

Table 2: Analysis of Several Modes of Adaptation to Ecologically Inexorable [Impossible to stop] Change

NEW ECOLOGICAL UNDERSTANDINGS in "Overshoot" by William Catton, Jr. pg 71.

Adaptations (by some)	Circumstance:	Consequence:	Names
Major Institutional = change essential	Circumstance: Age of Exuberance is Over	+ Consequence: Change to forms that accord with finite limits	= Realism
Faith in Technology & Progress to save us	Circumstance accepted	+ Consequence disregarded	= Cargoism
Family planning, recycling, = anti-pollution will save us	Circumstance disregarded	+ Consequence partially accepted	= Cosmeticism
No History significance = Limitlessness Valid =	Circumstance disregarded Circumstance denied	+ Consequence disregarded + Consequence denied	= Cynicism = Ostrichism

ABOVE: The essential move from "Limitlessness of resources/Ostrichism" to "Deep adaptation to Human Overshoot/Realism." Where/who are you?

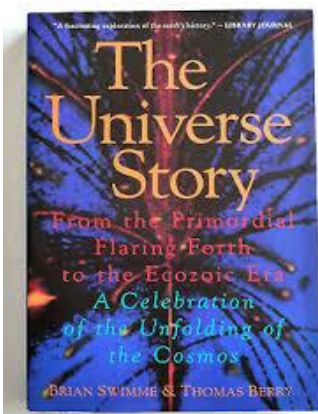
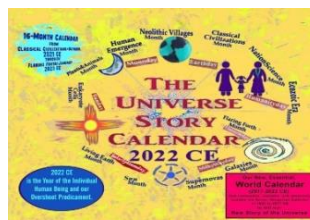
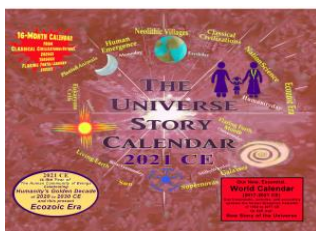
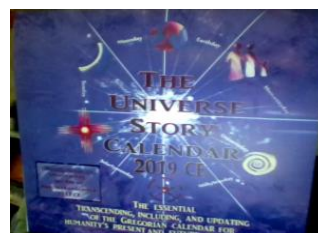
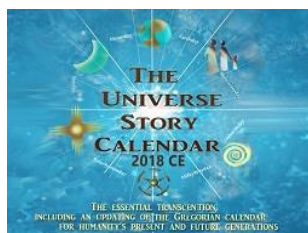
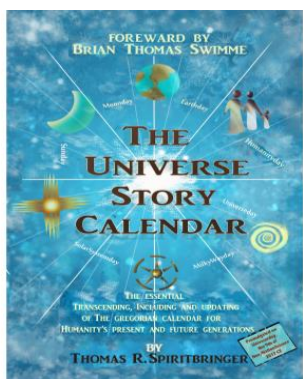
THE UNIVERSE STORY CALENDAR *Ecozoic Era/December-2024ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	UniverseDay	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 World AIDS Day-UN New Moon: 1:23am ● Sunrise: 6:06am Moonrise: 6:28am Sunset: 5:01pm Moonset: 5:17pm <i>Liturgical New Year: Western Christians</i>	2 International Day for the Abolition of Slavery-UN	3 International Day of Persons with Disabilities- UN <i>Earthday Weekly #369</i>	4 International Day of Banks-UN	5 World Soil Day-UN International Volunteer Day-UN	6	7
8 Sunrise: 6:10am ● First Qtr: 10:28am Moonrise: 12:01pm Sunset: 5:02pm Moonset: none	9 International Anti- Corruption Day-UN UN- Genocide Commem. Day	10 Human Rights Day- UN <i>Earthday Weekly #370</i>	11 International Mountain Day-UN	12 International Universal Health Coverage Day-UN	13	14
15 Full Moon: 4:03am ○ Sunrise: 6:15am Moonset: 6:34am Sunset: 5:05pm Moonrise: 5:24pm	16	17 <i>Earthday Weekly #371</i>	18 International Migrants Day-UN	19	20 International Human Solidarity Day-UN <i>Berryan Date #2498</i>	21 Ecozoic/Dec Solstice & Season World/Earth-wide 1:19am PST 9:19 UTC <i>Yule/New Year-Witta</i>
22 Sunrise: 6:18am ● Moonset: 11:35am Sunset: 5:08pm Last Qtr: 5:19pm Moonrise: 11:57pm	23 <i>The Ecozoic Season begins the 21st. It ends on Supernovas/March 2025ce Equinox.</i>	24 <i>Earthday Weekly #372</i>	25 JWSTelescope launched in 2021ce!	26	27 International Day of Epidemic Prep.-UN	28
29	30 Moonrise: 6:13am ● Sunrise: 6:22am Moonset: 4:59pm Sunset: 5:12pm New Moon: 5:28pm	31 <i>New Year's Eve- The Universe Story Calendar</i> <i>Earthday Weekly #373</i>	Sun and Moon Times for Turks & Caicos Islands, Cockburn Town	2025ce: Year of The Universe Integralist! TUSCI	KEY for Terms by=Billion Years my=Million Years byp=Billion Years Past myp=Million Years Past AoT=As of Today U!=Universe UTC=Universal Time Coordination-UK	KEY for Terms TUSC=The Universe Story Calendar TUS=The Universe Story Calendar TGC=The Gregorian Calendar ce=Common Era bce=Before Common Era EST=Eastern Standard Time-USA

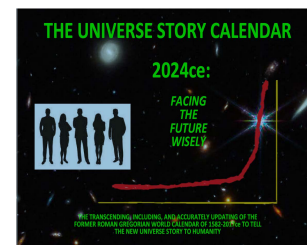
THE UNIVERSE STORY CALENDAR-*Flaring Forth/January-2025ce*

TUSC>Sunday	Moonday	Earthday	Humanityday	UniverseDay	MilkyWayday	SolarSystemday
TGC>Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2025ce: Year of The Universe Integralist! TUSCI		<i>Many faiths, nations, cultures and calendars celebrate Flaring Forth 1, 2025ce as New Year's Day.</i>	1. New Year's Day! The Universe Story Calendar!	2	3 <i>Berryan Date #2512</i>	4
5	6	7 <i>Earthday Weekly #374</i>	8	9	10	11 <i>Orthodox Christianity New Year</i>
12	13	14 <i>Earthday Weekly #375</i>	15	16	17	18
19	20	21 <i>Earthday Weekly #376</i>	22	23	24 International Day of Education-UNESCO	25
26	27	28 <i>Earthday Weekly #377</i>	29	30	31	Another Circle Around the Sun! 2025ce

Here are the publications of The Universe Story Calendar Initiative (TUSCI) since it's promulgated beginning at the 25th Anniversary Flaring Forth Celebration of The Universe Story book of 1992ce on NationScience/Nov. 9, 2017ce.



Left: The Universe Story Calendar book and the epic book The Universe Story. And the seven Universe Story Calendars from 2018-2024ce!



Images credit: Nasa.gov

Image credit: Ebay.com

NOTES