

TIMELINE FACTS:

TOTAL LENGTH IS A LITTLE OVER 292.3 FEET
approximately 100 yards in reality

WIDTH IS 3 INCHES

COLOR IS RED
*(Time is vibrant, vital—
it flows, is full of life; like blood.)*

The metric system was used to work out
the length of each year, decade and century.

To fit about 5,000 years into the
given distance, each year should be 16 mm
(the width of old-time movie film),

EACH DECADE 16 CM.

1 YEAR = 16 MM.

5 YEARS = 8 CM.
(about 3 1/8 inches)

10 YEARS = 16 CM.
(6 5/16 inches)

25 YEARS = 40 MM.

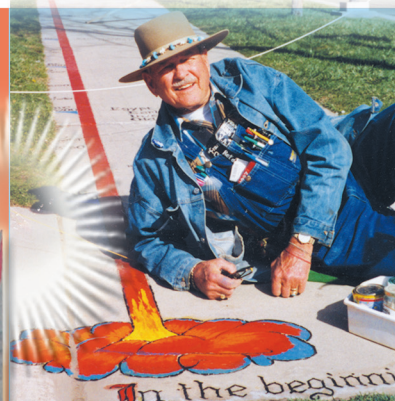
50 YEARS = 80 MM.

100 YEARS = 160 CM.
(or exactly 5' 3")

SPAN OF TIME:
5,300 YEARS

3,300 years B.C. *(Before Christ)*
up to 2,000 A.D.
*(Anno Domini,
or Year of our Lord)*

Although years are
inscribed up to 2050, the
last entry is for 1983.



NUMBER OF ENTRIES:
APPROXIMATELY 313.

Actual entries for the first
Timeline (1975) numbered
159 with 152 of those being
inscribed in the wet cement
and seven of them lettered or
painted in after the cement
was hard.

The 1975 timeline included
only one illustration.

In the June, 1984 rendition
about 22 illustrations were added.

NOTE: This is a **WORLD
HISTORY TIMELINE**

215 East Goodwin Street
Prescott, AZ 86303
Southeast corner of
Goodwin & Marina Streets

www.prescottlibrary.info
928-777-1500



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WORLD HISTORY THE TIMELINE

Conceived & created by Fran Wildman

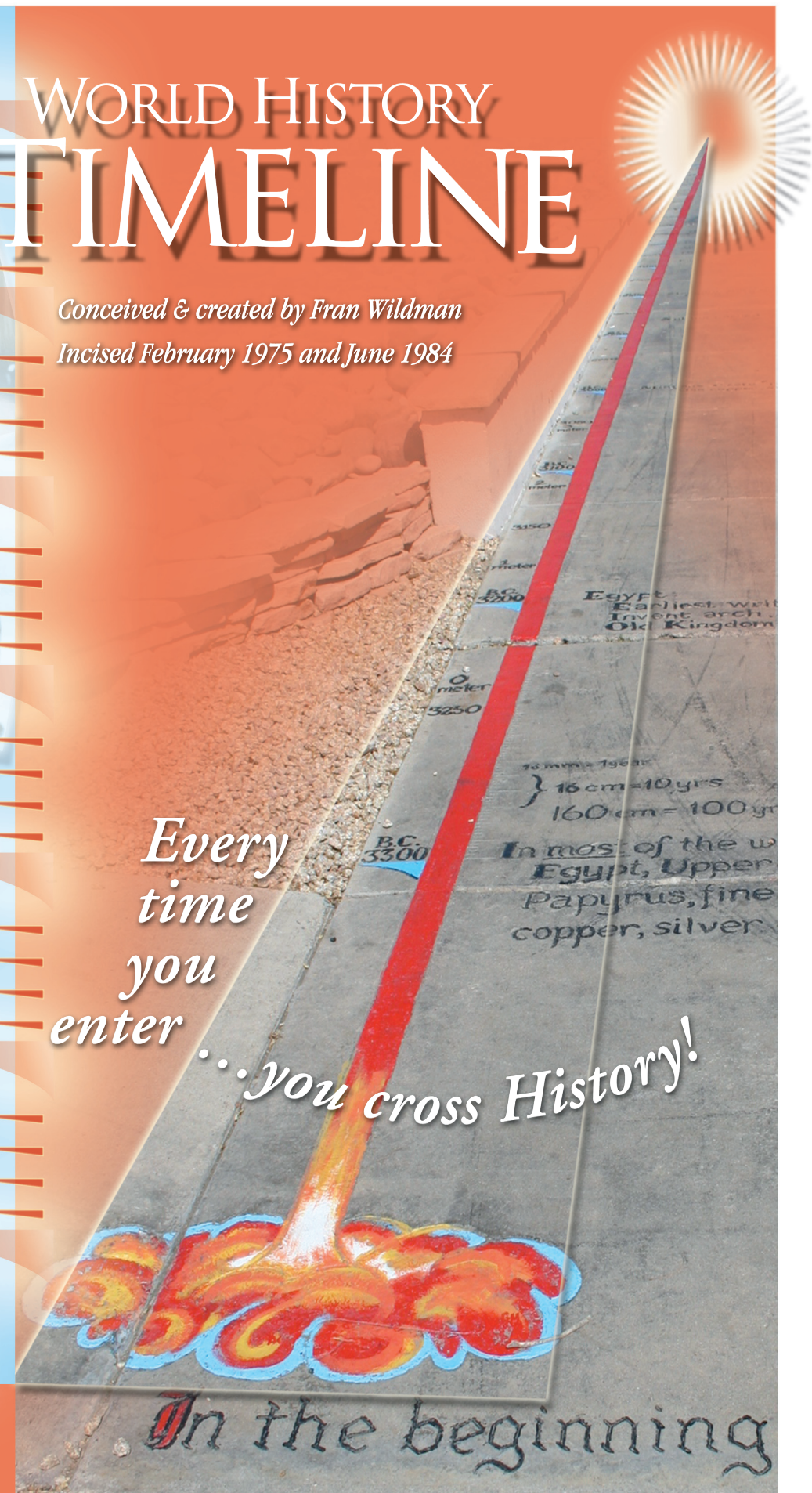
Incised February 1975 and June 1984



*Every
time
you
enter...you cross History!*



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THE WORLD HISTORY TIMELINE

Fran incising the original library timeline, 1976



Left: Incising the compass rose at Chino Valley High School

Right: Completed Yavapai County timeline north of the courthouse, 1985

FRAN WILDMAN'S TIMELINES



1975 Sheldon Street, experimental effort lost to widening of street

1975 Library, World History Time Line

1976 Granite Mountain Middle School, Southwest History Time Line

1976 Sacred Heart School, United States Map, 30' x 50'

1984 Library II—Time Line replacement due to cement deterioration

1984 Yavapai County Courthouse, County History Time Line

1984 Lincoln School, Arizona Map, lost to new construction

1988 Abia Judd Elementary School

1989 Chino Valley High School, State seal, Compass rose, Solar System, 26 world history maps lost to new classroom construction

1996 Yuma—List of Arizona State Parks

1996 Yuma—Territorial Prison history at prison entrance

1997 Clarkston, Washington—Lewis & Clark Expedition

FRANCES "FRAN" WILDMAN
1921-2005

THANKS TO:

Tommie Wildman for timeline photos and documents

Swiss Schaeffer for transcribing the timeline entries

Joseph Davidson for the design of this booklet

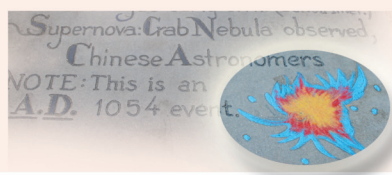
The Prescott Downtown Mural Project's Mural Mice, under the direction of R. Wall, restored and repainted the timeline during the library's renovation and expansion in 2006.

- 1503** *Mona Lisa* by Leonardo Da Vinci
- 1512** Sistine Ceiling, Michelangelo
- 1513** Balboa discovers Pacific Ocean
- 1514** Portuguese reach China
- 1517** Luther, 95 Theses, church music, more
- 1519** Cortez conquers Aztecs
- 1534** King Henry VIII starts Church of England
- 1543** Copernicus: Earth revolves around Sun
- 1579** Jesuits to China
- 1590** Microscope invented
- 1607** Jamestown, Virginia
- 1608** Telescope, Lippershey
- 1609** Kepler, planets' motion
- 1611** King James Bible published
- 1616** William Harvey, blood circulates
- 1619** Slaves to Virginia
- 1620** Slide rule invented; Pilgrims to N. America
- 1632** Rembrandt paints; born 1606
- 1638** Harvard University begun
- 1645** Taj Mahal
- 1666** London Fire
- 1675** Calculus invented
- 1679** Parliament, Habeas Corpus
- 1683** Bacteria discovered
- 1687** Newton—3 Laws of Motion
- 1709** Russia a Great Power
- 1727** L. Euler, modern math
- 1733** Savannah Colony
- 1748** Pompeii discovered
- 1750** J.S. Bach dies (born 1685)
- 1764** Watt, steam engine
- 1776** DECLARATION OF INDEPENDENCE
- 1783** Revolutionary War, 2,120 died
Balloon flies, Montgolfiers
- 1787** U.S. CONSTITUTION SIGNED
- 1790** Benjamin Franklin dies (born 1706)
- 1791** U.S. Bill of Rights
- 1803** Steam locomotive; Louisiana Purchase
- 1807** Beethoven's Fifth Symphony
Steamboat, Fulton



- 1812** War, U.S. vs. Britain, 13,283 died
- 1819** Stethoscope by Laenned
- 1822** Camera by Niepce, France
- 1831** Faraday, electricity
- 1842** Ether, C.W. Long
- 1844** Morse, telegraph
- 1848** Karl Marx, Communist Manifesto
- 1861** Civil War to 1865, 529,332 died
- 1863** Arizona Territory
- 1870** Tchaikovsky's *Romeo & Juliet*
- 1876** Alexander Graham Bell, telephone
- 1879** Thomas Alva Edison, electric light
- 1885** Statue of Liberty arrives; K. Benz, 1st auto
- 1895** Movies & X-ray
- 1901** Radio across Atlantic, Marconi
- 1903** Wright Brothers fly
- 1908** North Pole (South Pole 1911)
- 1909** Model T
- 1914** Panama Canal
WW I to 1918 116,708 U.S. died
- 1920** U.S. Women Vote
- 1927** Charles Lindberg flies Atlantic to Paris
- 1933** FDR, Hitler come to power
- 1939** WWII to 1945; 407,316 U.S. died (total of 55 million died)
- 1942** Penicillin; Television
- 1945** Atomic Bomb
- 1948** UN Declaration of Human Rights
- 1950** Korean War to 1953; 24,245 US died
- 1957** Sputnik orbits (USSR)
- 1960** Laser light invented
- 1963** President J.F. Kennedy assassinated
- 1969** First US moon walk on 20 July
- 1975** Vietnam War ends; 57,702 US died
- 1975** Prescott Public Library opened for business (Goodwin Street)
- 1976** Viking I and II to planet Mars
- 1978** Peace treaty, Egypt-Israel, Anwar Sadat
- 1983** USSR downs jet; 268 died

560	Persian Golden Age	1100	Cambodia: Angkor Wat built
597	Christianity to England, St. Augustine	1115	China: Jin Dynasty begins
600	Isidore of Seville, encyclopedia	1135	England: Henry I dies
622	Year One, Moslem calendar	1146	2nd Crusade starts at Chartres Cathedral
632	Mohammed dies	1148	(ca.) Oraibi, Hopi, Southwestern U.S.
637	Moslems occupy Jerusalem	1150	Europe uses magnetic compass
642	Moslems take Egypt	1154	English legal system begun
700	Tolte's Culture in Mexico	1163	Notre Dame Cathedral begun
709	Moslems conquer North Africa	1182	St. Francis of Assisi born in Italy
711	Moors rule begins in Spain	1189	3rd Crusade begins, Richard Lion Heart
725	China: block printing; Beowulf, Anglo- Saxon	1200	Inca Civilization begins
739	Charles Martel (the Hammer) defeats Moslems, saves Europe	1202	4th Crusade
750	Li Po & Tu Fu, Chinese poets	1212	Children's Crusade, 30,000 killed
787	Danes invade England	1215	King John signs Magna Carta
800	Charlemagne, King & Empire (died 814)		Louis IX, King of France, kind ruler
820	Khwarizmi—Algebra in Baghdad		Jenghiz Khan conquers Peking
829	Christianity to Sweden	1257	Paris: Sorbonne College began
843	Treaty of Verdun	1260	Kublai Khan rules China
850	(ca.) Norse to Iceland	1264	England: Oxford College began
860	Al Razi, Moslem physician born	1274	St. Thomas Aquinas, scholar, dies
871	Alfred the Great, King of England, scholar	1275	Marco Polo to China
906	China: Footbinding begins	1294	Roger Bacon, scientist, dies
930	1st democracy established in Iceland	1300	Cliff Dweller in SW U.S. leave, drought
950	Chinese print playing cards	1321	Dante, The Divine Comedy
960	(ca.) China: magnetic compass	1325	Aztecs found Tenochtitlan (Mexico City)
962	Otto the Great est. Holy Roman Empire	1346	Gunpowder used in Europe
972	Cairo: El Azhar University founded	1347	Black Death, 1/3 of Europe dies
981	Norse to Greenland	1363	Chauliac—surgery
1000	(ca.) Leif Ericsson to North America	1384	John Wyclif, translated Bible to English, dies
1015	Olaf II, Norway to Christianity	1387	Chaucer begins Canterbury Tales
1017	Canute, King of England	1398	Tamerlane loots Delhi
1037	Arabian physician Avicenna dies	1416	Henry the Navigator teaches
1054	Super nova: Crab Nebula observer, Chinese astronomer Greek Orthodox Church established	1429	Joan of Arc led French armies at age 19
1056	Henry IV, King of Germany	1453	France wins 100 Years War with England
1066	William the Conqueror, Battle of Hastings	1456	Gutenberg prints Bible
1080	Persia: Omar Khayyam writes Rubaiyat	1478	Spanish Inquisition begins
1095	Pope Urban II starts Crusades	1488	Diaz sails Cape of Good Hope
		1492	Columbus finds America
		1497	John Cabot explores North America
		1498	Da Gama sails to India



IN MY OWN STUDIES I have felt I was not as facile in grasping passages of time as I would like to have been. In studying timelines in texts and on wall charts it seemed they did not effectively convey a grasp or an understanding of the passage of time as I needed. In teaching some aspects of history, I sensed that this also applied to others.

Once, while teaching an aspect of geography, pertaining to Earth-Moon and Apollo landings, I worked out to scale the distance from Earth to Moon with models. To more effectively demonstrate the distance-size relationships, it was necessary to take the classes out-of-doors where we used a 16" diameter globe and a 4" regulation softball which scaled out to be a nearly exact relationship. The average radius of the Moon's orbit of 240,000 miles worked out to be approximately 42 feet. After explaining and doing this demonstration, involving the students in several classes, I observed from the responses and subsequent discussions that they had a considerably better grasp of these sizes and distance relationships. I attempted to involve them with the scale model and to visualize something of the sizes and distances involved.

It seemed to me that by physically relating oneself to the model, by walking, by moving, by a kinesthetic involvement with the scaled model, a much better grasp of size and space relationship might occur with many people.

In presenting geography I found a similar interaction to occur when we dealt with large scale relief maps such as the 12 foot by 15 foot map of Arizona which I gave to the Yavapai College Library. A much fuller grasp of the topography and distance relationships occurs when a person is more intimately associated with a large model.

In dealing with historical dates of any type it was an easy step to see that a sharper visualization of the passage of time might occur if a person could physically relate to a portrayal of time. If they could walk along and thoughtfully read a few significant events, they might establish "mile posts" back through history. They could more graphically relate to their own experience frame of reference, their own life as they had lived it to date.

I hope that those who choose to explore the Time Line, teachers with classes or individuals, will start with a personal event they are well aware of and work backward in time, then maybe forward again. I think this will enlarge their grasp of where they are in world history and something of what has gone before. Perhaps they could start by locating the year they were born, or an important family event, or an event in which they were involved. Then if they can locate a recent family event, such as a parent's birthday, or other significant family occurrences such as marriages, deaths, etc., this will perhaps begin to build a base of understanding the present and near-present, better.

The important occurrence here, as I see it, is the physical relationship (the moving along the line from event to event), and the involvement with the scale. Talk about it. Read it aloud.

Aside from an enlargement of one's grasp of time-location relationships, I hope that some explorers will become curious because of a few of the items displayed, and will enter the Library and seek books, stories, references, maps that better define and illustrate the historical event. I hope this experience can lead to a person's better understanding of the marvel of mankind and our role and purpose here. To give him an appreciation of what has gone before and to lead to what we have in our culture now, and a better appreciation of what we are and who we are. In some cases this can lead to a deeper loving of, and caring for, one another.

I hope explorers and viewers will come again and gain to see something of when, where and how man has developed to what he is today, and visualize perhaps what he can do tomorrow for succeeding generations.

Fran Wildman



THESIS

IN THE BEGINNING

B.C.

- 3300** In most of the world, no cities. Egypt, Upper & Lower Kingdoms: Papyrus, fine pottery, cloth, copper, silver gold used. Irrigation.
- 3200** Egypt: Earliest written record. Invent arch, colonnade. Old Kingdom begins
- 3000** Minoans, Crete: pictographic writing; use copper, silver, gold.
- 2869** Sphinx carved
- 2800** Mohenjo-Daro Civilizationn, Indus River: cotton, textiles, houses, private baths
- 2681** Egypt: solar calendar
- 2660** First known sailing ships
- 2650** Palermo Stone, earliest chronicle
- 2635** Stonehenge built
- 2625** **Oldest Egyptian papyrus**
- 2600** First known pyramid (of 36)
- 2550** Pharoah Khufu (2900-2877) built great pyramid. 481 ft, 146.5 m.
- 2500** (circa) Earliest map, clay, Mesopotamia (Iraq)
- 2450** Egypt: Old Kingdom ends
- 2350** Sargon I, Mesopotamia (Iraq)
- 2300** Windmill Hill, England: pottery, crops, livestock
- 2225** King Dungi, Ur: Code of law
- 2200** Ziggurat, Ur city. Sumer Territory
- 2170** Amorites sack Ur
- 2160** Egypt: Middle Kingdom
- 2100** Lists of kings in clay, South Mesopotamia
- 2000** Egypt: Papyrus library, water clocks
- 1994** China: Bronze, chariots, domesticated animals
- 1900** First Suez Canal
- 1850** Amenemhet III: dams, dikes
- 1800** Crete: Minoan golden age; plumbing
- 1788** Egypt: Middle Kingdom ends
- 1750** Babylon: Code of Hammurabi (laws)
- 1700** Beaker people arrive England w/bronze
Nile Valley: Semites (Hyksos), bring horse, chariot
- 1650** Kassites conquer Babylonia (Syria), rule 600 years
- 1600** Mycenae, Greek, at height



- 1580** Egypt: New Kingdom; Book of the Dead
- 1550** Urnfield People farm Danube Valley
- 1540** Thutmose I of Egypt conquers Syria
- 1523** Shang Dynasty conquers Hwang Ho Valley. Earliest Chinese writing
- 1500** Egypt: Tombs cut along Nile River; first sundial
- 1460** Thutmose III conquers Mideast
- 1400** Egypt's pinnacle of splendor: peace; Jerusalem begin—little city Kingdom; Hittites have first iron weapons; Stonehenge finished
- 1375** Amenhotep IV, Nofretete; worship Amon
- 1360** Habiru invade Palestine
- 1355** Tutankhamen flourished
- 1300** Greeks buy papyrus at Byblos
- 1272** Ramses II builds many monuments
- 1240** Moses, exodus Egypt; Ten Commandments
- 1200** Phoenicians develop alphabet of consonants and symbols
- 1190** Philistines enter Canaan; Armeans spread language spoken by Jesus; 7th City of Troy falls, Greek
- 1180** Hittite Empire falls
- 1167** Ramses III dies, Egypt declines
- 1100** Assyria conquers Babylonia
- 1050** (circa) Mayas early civilization, Central America
- 1027** China: Chou Dynasty (classical age begins)
- 1025** King Saul of Israelites
- 1000** Indo-Aryans move east along Ganges (Sanskrit developed); King David rules Israel; Phoenicians dominate Mediterranean; Colonies-Spain
- 960** Villanove Culture, N. Italy (rude cities, simple iron tools)
- 937** Death of King Soloomon
- 926** Egypt conquers Palestine
- 900** Scythians rule North of Black Sea
- 850** Carthage founded by Phoenicians
- 825** Etruscans to Italy
- 800** Urnfield Peoples spread through Europe
- 753** City of Rome founded, legend
- 750** Homer lived; Greek colonies spread; Iliad, Odyssey
- 722** Israel destroyed (Lost Tribes)
- 700** Basket Maker Indians, SW pottery, bow, arrow
- 662** First Greek Law Code, Locri, Italy
- 620** Extensive library, Ninevah, ancient Assyria

- 618** Nebuchadnezzar II, Babylon, hanging gardens
- 586** Jerusalem destroyed by Nebuchadnezzar
- 585** Thales: Earth round, eclipse predicted; founded astronomy
- 551** China: Philosopher Confucius born
- 534** India: Buddha's philosophy begins
- 529** Cyrus dies, founder of Persian Empire
- 521** Darius I seizes Persian Empire
- 509** Roman Republic established
- 500** Cliff Dwellers to SW United States
- 480** Thermopylae, Greek battle
- 460** Greece: Historian Thucydides born
- 445** Pericles, Greek statesman; Hippocrates born, father of medicine
- 438** Greece: Parthenon built
- 428** Anaxagoras dies; Sun, Moon idea
- 425** Greece: Herodotus, father of history, dies
- 399** Philosopher Socrates dies, poison
- 384** Philosopher Aristotle born
- 370** Democritus dies, Atoms theory
- 347** Plato dies, Greek philosopher
- 336** Alexander the Great assumes throne, age 20
- 330** First public library, Greece
- 315** Egypt: Ptolemy I, The Museum; Alexander conquers Indus Valley
- 300** Euclid: Elements, Geometry
- 273** India: King Ashoka makes Buddhism state religion
- 265** Rome rules Italy
- 241** Romans take Sicily
- 240** Greece: Eratosthenes measures Earth
- 221** Shih Hwang Ti unites China; highway, Great Wall
- 212** Archimedes killed by Romans
- 200** Dead Sea Scrolls written; Romans use concrete
- 196** Rosetta Stone carved
- 168** Egypt submits to Rome
- 165** Civil Service Exams for government employees in China
- 146** Third Punic War, Rome controls Africa & Spain, rules Greece
- 119** Wu Ti, Han Empire rules Huns
- 105** Chine invents paper
- 104** China: Meton's Cycle calendar used
- 88** Greeks revolt against Rome; 80,000 killed

AD.

- 55** Caesar to Britain
- 47** Cleopatra Queen of Egypt
- 44** Rome: solar calendar
- 14** Roman Empire Census: 4,937,000
- 7** Probably birth of The Christ
- 25** (circa) Sermon on the Mount
- 26** Jesus the Christ crucified
- 56** St. Paul's letters to Corinth
- 61** Britain: Queen Boadicea revolts
- 62** St. Paul beheaded
- 64** Rome burns
- 67** St. Peter dies
- 68** Nero dies
- 79** Mt. Vesuvius erupts
- 100** China: first dictionary
- 127** Britain: Hadrian's Wall, 73 miles long
- 130** Ptolemy, astronomy, 13 volumes
- 162** Galen, Greek physician
- 200** Japan uses iron
- 220** China: Han dynasty ends
- 251** Rome's decline clearly begins
- 275** Greek Diophantus, Father of Algebra
- 285** Roman Empire divided
- 300** Yucatan: Mayan advanced calendar
- 313** Constantine the Great: Rome, Christianity
- 325** First Council of Nicaea (Christian doctrine)
- 330** Capital Roman Empire to Constantinople
- 380** Easter Island inhabited
- 385** Hindu culture great: sciences, literature
- 408** Western Roman Empire capital to Ravenna
- 432** St. Patrick brings Christianity to Ireland
- 449** Angles, Saxons invade England
- 500** (ca.) Huns invade Northern India; China: Gunpowder
- 532** Turkey: Hagia Sophia church
- 534** Corpus Juris Civilis, Roman law
- 550** Khmer Empire established in Indo-China
- 552** Buddhism to Japan

