# Paleolithic Era

- "Old Stone Age"
- Nomadic
  - Followed migrating animals in search of food
- Small Clans
- Hunter-Gatherers
- Make Fire
- Simple Tools

# Science

- Archaeologists
- Anthropologists
- Paleontologists
- Artifacts
- Fossils
- Carbon Dating
- Louis & Mary Leakey





Caves at Lascaux.
France

# Hominids

- Homo Habilis
- Homo Erectus
- Homo Sapiens
  - Neanderthal
  - Cro-Magnon



Paleolithic Era to Agricultural Revolution

"Prehistory" - time before writing

# **Places**

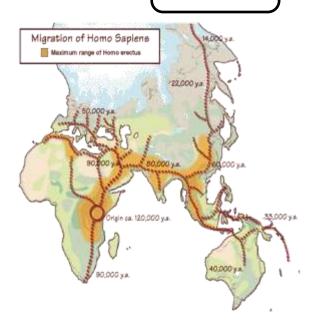
- Olduvai Gorge East Africa (Tanzania)
  - Oldest hominid discoveries
- Neolithic Settlements
  - o Aleppo (Syria)
  - Çatalhöyük (Turkey/Anatolia Peninsula)
  - Jericho (Eastern Mediterranean
- Stonehenge
  - England



# Neolithic Era

- "New Stone Age"
- Agricultural Revolution
  - Stable, permanent Communities
- Domestication
  - Plants
  - Animals
- Advanced Tools

Migration from Africa



#### **Governments & Religions Economic Patterns** Characteristics of Civilization Use of new metals Monarchy Bronze & Iron **Empires Increased Agricultural Production** Division of Labor **Dynasties** Use of Irrigation Systems & Plows **Complex Social Institutions** Polytheism Trade begins o Ex. Government, Religion Monotheism World's 1<sup>st</sup> Cities Develop - Sumer **Advanced Technology** o Judaism Use of Slaves for Labor Calendar Written Language (Last Aspect to develop) The Four Old-World River Valley Cultures Written Language **Ancient River** Valley Civilizations **Pictograms** Cuneiform (Yangză o Sumer Indus & Ganges Hieroglyphics "The Firsts of Everything" Egypt **Alphabet** Literature Phoenicia The Epic of Gilgamesh Locations World's 1<sup>st</sup> Epic **Law Codes** Mesopotamia Tigris & Euphrates Hammurabi's Law Code Egypt **Unified Babylonian Society** Nile Harsh Laws **Indus River Valley** Strict class distinctions o Indus China o Huang He

# Civilizations

#### Hebrews

o 1<sup>st</sup> Monotheistic Religion – Judaism

#### Sumer

- World's 1<sup>st</sup> City-States
- o 1<sup>st</sup> Written Language Cuneiform

#### • Phoenicia

- o 1<sup>st</sup> Mediterranean Traders
- o 1<sup>st</sup> Alphabet

#### Akkadians

o 1<sup>st</sup> Empire – Sargon

#### Babylonians

o 1<sup>st</sup> Law Code – Hammurabi

#### Hittites

O Anatolia Peninsula – 1<sup>st</sup> Ironworkers

#### Assyrians

Military Supremacy

#### Chaldeans

- Advances in Astronomy
- Hanging Gardens of Babylon –
   Nebuchadnezzar

#### Lydians

o 1<sup>st</sup> Coins – Replaces Barter



#### **Terms**

- Ziggurat
- Stylus
- Flax

到井間光やな

City-State



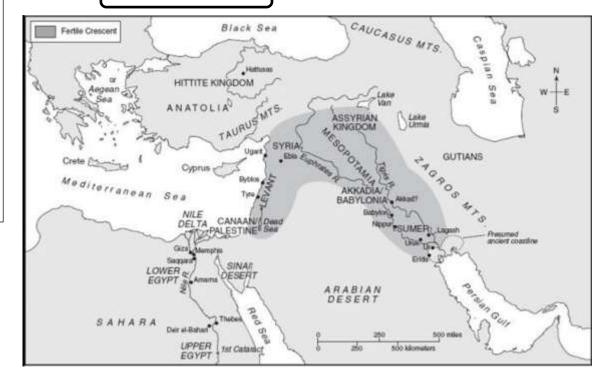
Ancient River Valley Civilizations -

Mesopotamia

Geography

# **Judaism**

- Hebrews
- 1<sup>st</sup> Monotheistic Religion
- Abraham "Father" of Judaism
- Moses Led Hebrews on Exodus
- Solomon King unites 12 Tribes
- Torah Holy Book
- Ten Commandments Moral Law Code
- Exile Jews enslaved in Babylon
- Diaspora Dispersal of Jews around the World – Cultural Diffusion



- Nile River Flows North
- The Delta Rich Soil
- Cataracts Rapids
- Upper Egypt
- Lower Egypt
- Sinai Peninsula connected Africa to Asia (Mesopotamia)
- Sahara Barrier to the West
- Thebes last capital of Egypt

# Religion

- Pharaoh god-king
- Pyramids tombs for the Pharaohs
- Book of the Dead guidessouls through Afterlife

# Nubia

- Kingdom in Upper Nile Region
- Also known as the Kush
- Thriving Trade Trading partner to Egypt
- Will be ruled by and will rule over Egypt
- Capital Meröe Known for Iron deposits & production



**Ancient River Valley Civilizations** 

**Egypt** 

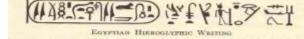
Kingdoms & Government



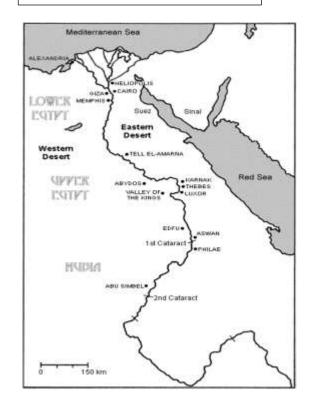
- History
  - o Hieroglyphs record history
  - Old Kingdom
    - Pyramid Age
  - Middle Kingdom
    - Transitional period
  - New Kingdom
    - Age of Pharaohs
- Government
  - Theocracy Ruler is political & religious leader

# People

- Menes/Narmer
  - Unites Upper & Lower Egypt
- Ahmose
  - Queen who defeats Hyksos
  - Hatshepsut
    - Queen who proclaims herself Pharaoh
- Thutmose III
  - Egypt's 1<sup>st</sup> Empire
- Amenhotep IV
  - One god Aton
  - Changes name Akhenaton
  - Queen Nefertiti



From the Rosetta atone. The writing is from right to left. The few words here shown mean "Raining a status of the king of Egyps, Probony eternal beloved of Ptate"



- Population in East -Isolation due to Geography
- Huang He Valley
  - o Yellow River
- Other Rivers
  - Yangtze (Chang Jiang)
  - Xi Jiang
- Gobi Desert

#### Confucianism

- Confucius Kongzi
- Humans good & bad
- Filial Piety respect for parents & elders
- Code of Politeness
- **Emphasis on Education**
- **Ancestor Worship**

## Daoism

- The "Old Master" -Lao tze
- Harmony w/ Nature
- Simple Life/Inner Peace
- Humility



**Ancient River Valley** Civilizations

China

#### Buddhism

- Spread along trade routes
- Appealed to those suffering at the end of Han Dynasty
- Cultural Diffusion results in many different sects of Buddhism



#### **Terms**

- Mandate of Heaven
- Loess

- Civil Service System
  - **Paper**
  - Porcelain
  - Silk
  - Gunpowder

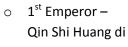






## **Dynasties**

- The "Dynastic Cycle"
- Xia Legendary 1<sup>st</sup> Dynasty (?)
  - Yu the Great
  - **Irrigation System**
- Shang
  - Capital Anyang
- Zhou
  - Feudalism
- Qin •



The Great Wall

Contributions

- **Terra Cotta Warriors**
- Han
  - Pax Sinica
  - Silk Roads

### Harappan Civilization

- Indus River Valley
- Planned Cities
  - Harappa
  - Mohenjo-Daro
- Declined due to Natural

Disaster



# **Aryans**

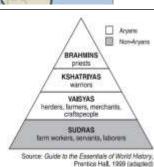
- Indo-Europeans
- Migrate through Khyber Pass of Hindu Kush Mountains
- Dominate native Dravidians
- Introduce:
  - Caste System
  - Vedas (Holy Books)
  - o Sanskrit (language)

# Geography

- Indian Subcontinent
  - Isolated by Mountains
    - Hindu Kush in West
    - Himalayas in East
- River Systems
  - o Indus & Ganges
- Monsoons
  - o Seasonal Winds bring rains

# Hinduism

- Aryan influences
- Caste System
- Belief in Reincarnation
  - o Role of Karma
- Holy Books
  - Vedas
    - Brought by Aryans
  - Upanishads
- Spread along trade routes to other parts of Asia
- Dominant religion of India today



# Ancient River Valley Civilizations

India

# Buddhism

- Siddhartha Gautama
- Founded in area of present-day Nepal
- Four Noble Truths
- Eight-fold Path
- Emperor Asoka
  - Converts & Spreads through Missionaries



# Mauryan Empire

- Politically unifies India
- Greatest leader
  - Asoka
- Spread of Buddhism
- Free Hospitals

# Gupta Empire

- "Golden Age"
- Mathematics
  - o Zero
  - Decimals
- Medical Advances
  - Set bones
- Literature
  - Mahabharata
  - o Ramayana

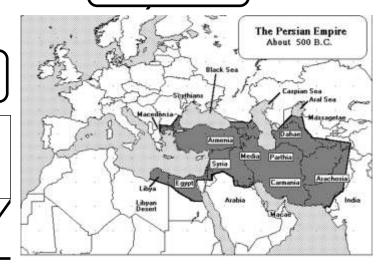
# Zoroastrianism

- Founded by the prophet, **Zoroaster**
- Belief in 2 opposing forces in the Universe – Good & Evil?
  - o Ahuramazda Supreme Being
  - Ahriman opposing force
- Worshipped forces of nature
- Shared elements with 3 Monotheistic faiths - Judaism, Christianity & Islam



# Contributions

- Imperial Bureaucracy
- Zoroastrianism
- The Royal Road



Geography



## **Persia**

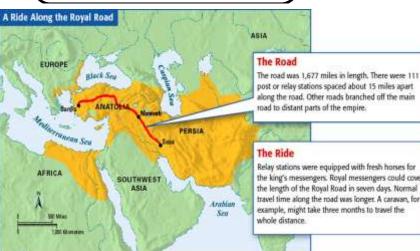
Mesopotamia's greatest empire

#### Greece & Alexander the Great

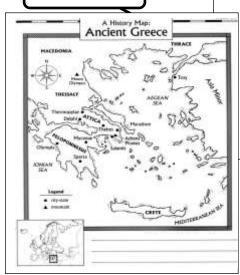
- Defeated by the United Greek city-states in **Persian Wars**
- Ultimately taken over by the forces of Alexander the Great
- Territory divided into

# People

- Cyrus the Great
  - Known for *Tolerance*
- Darius I
  - **Royal Road**
  - Introduces Imperial Bureaucracy
- Xerxes
  - Fails in his attempt to conquer Greece



Relay stations were equipped with fresh horses for the king's messengers. Royal messengers could cover the length of the Royal Road in seven days. Normal travel time along the road was longer. A caravan, for example, might take three months to travel the whole distance.



- Mountainous terrain
- Lack of arable land
- Located on Balkan Peninsula
- Aegean Sea at heart of civilization
- Black & Med. Seas colonization
- Dardanelles access to the Black Sea

#### Governments

- Individual cities = Individual Governments
- Monarchy: Aristocracy: Tyranny
- Oligarchy Sparta
- Direct Democracy Athens

Ancient Greece

# City-States

#### The Polis

- Athens
  - Education
  - Government
  - Economy
  - Democracy
- Sparta
  - Militaristic
  - Oligarchy

## \_\_\_\_

"United we stand, divided we fall"

**Greek Wars** 

#### **Persian Wars**

- Greek city-states united
- Battles
  - Marathon
  - Salamis
- Athens becomes dominant city-state

#### **Peloponnesian Wars**

- Greek Civil War
- Delian League vs. Peloponnesian League
- Sparta victorious
- Weakens Greek City-states

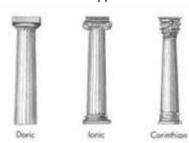
# Greek Golden Age

#### Hellenic Culture

"Golden Age of Pericles"

- **Drama:** Aeschylus, Sophocles
- Poetry: Homer
  - o Iliad, Odyssey
- History: Herodotus,

  Thusudides
  - Thucydides
- **Sculpture:** Phidias
- Philosophy: Socrates, Plato, Aristotle
- Medicine: Hippocrates



# Religion



- Polytheistic
- Explained natural phenomena
- Expressed human frailties/emotions



The Parthenon

# **Roots of Democracy**

- Tyrant Reformers
  - Draco Law Code
  - Solon Outlaws debt slavery
- Pericles extends citizenship
- Citizens
  - Male-landowners
  - Responsibility of civic participation

#### **DIRECT DEMOCRACY**

- Italian Peninsula centrally located in Mediterranean Basin
- Protected by Alps
- Sea provides protection and access to sea-borne trade.

Representative Democracy

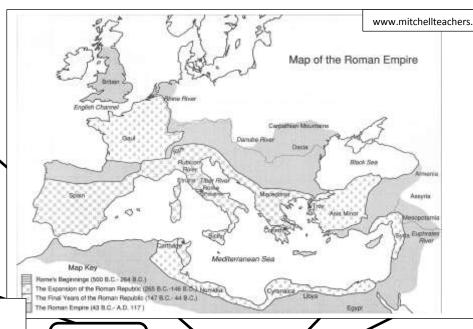
#### Res Publica – a "Republic"

- Overthrow of Etruscan Rulers
- Power divided among 3 branches
  - Executive
    - a. Consuls
  - Judicial
    - a. Praetors
  - 3. Legislative
    - a. Senate
    - i. REAL POWER
    - b. Assemblies

#### Law Code - The Twelve Tables



Roman Forum



Social Structure

#### **Patricians**

Noble Class

#### **Plebeians**

- Merchants, Artisans,
   Farmers
- Demand Changes

The Roman Republic

The First Triumvirate

- Julius Caesar,
   Crassus, & Pompey
- Caesar conquers
   Gaul; attempts
   seizure of power.
- Caesar assassinated-March 15, 44 BCE
- Civil War follows



Roman Pantheon

#### **Punic Wars**

- Fought against Carthage for control of Med. Sea Trade.
- Hannibal led Carthage in 2<sup>nd</sup> Punic
   War invaded Italian Peninsula
- 3 Wars end with Roman victory & destruction of Carthage

# Roman Mythology

- Based on Greek mythology
- Integral to Culture, Politics, & Art
- Explained natural phenomena, human qualities, life events

# Decline of the Republic

- Spread of Slavery into Agricultural System
- Migration of farmers into cities; unemployment (Proletariat)
- Civil War over power of Julius Caesar
- Devaluation of Roman Currency; Inflation

#### Location of Russia

- Slavic regions north of the Black Sea
- Access to Black
   Sea along
   Dnieper, Don, &
   Volga Rivers
- The *Steppes* of Russia



Byzantine Influence on Russia

- Cyrillic Alphabet created by Eastern Orthodox Missionaries
- Eastern Orthodox Christianity adopted by Prince Vladimir
- Architectural Influence The Onion Dome
- Religious Art Mosaics & Icons

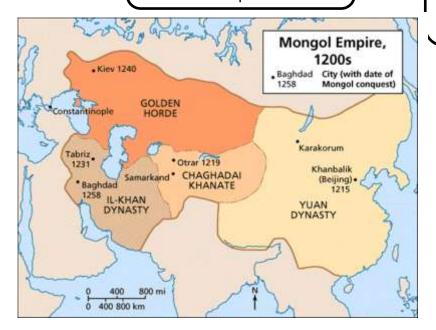


Viking influence in Russia

- Kievan Rus
- Vikings (the *Rus*), under the leadership of Rurik, establish the 1<sup>st</sup> State in Russia w/ Kiev as its capital.
- Vikings use Russian rivers as highways to travel to warmweather ports of Black & Baltic Seas

## **Mongol Empire**

largest contiguous land empire



# Russia Mongols

The Mongol Conquest

# Growth of Russia

- Vladimir adopts Eastern Orthodox Christianity
- Yaroslav creates an effective law code
- Ivan III (the Great) refuses to pay Mongol
   Tribute; Unites Russian Principalities
- Ivan begins to call himself Czar (Tsar) –
   Russian for Caesar
- Genghis Khan invades Russia creating the Khanate of the Golden Horde
- Mongols demand *Tribute* from Russian principalities
- Russia becomes isolated from Western European States
- Mongols keep open trade routes between China & Eastern Europe – Trade increases
- Kublai Khan creates Yuan dynasty in China; fails to take Japan
- Italian **Marco Polo** sits in Kublai's court; reports of China reach Europe.



#### Muhammad

- Muhammad Last & Greatest of the Prophets
- The Revelations delivered by the Angel Gabriel
- Begins preaching in Mecca
- The Hijrah (Heigra) migration to Yathrib (Medina – City of the Prophet)
- Muhammad returns to Mecca; declares a *Jihad* (Holy War)
- Destroys idols at *Ka'aba*

# Sunni-Shi'a Split

- Split occurs after the death of Ali – last of the Rightly Guided Caliphs
- Sunni & Shi'a (Shi'ite)
- Sufis –Mystical Sect

1.49
Panen
<b>The</b>

•		Sunni	Shi'a
	Caliph?	Any Righteous	Descendant of Ali
ı		Muslim	& Fatima
		Majority	Minority

#### **Beliefs & Traditions**

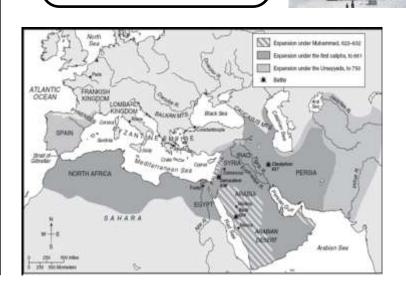
- Monotheistic 1 God Allah
- 5 Pillars
  - Faith, *Hajj* (Pilgrimage), Prayer,
     Alms (Charity), Fasting
- Ramadan Holy Month
- Qur'an (Koran) Holy Book
- Acceptance of Judeo-Christian Prophets (Abraham, Moses, Jesus)
- People of the Book Jews/Christians

# Geography -Spread of Islam



- Mecca Holiest City
- Medina "City of the Prophet"
- Jerusalem 3<sup>rd</sup> Holiest City
- Rightly Guided Caliphs spreads
   Islam to Persia & North Africa
- Umayyad Dynasty capital Damascus – spreads to Spain & India
- **Battle of Tours** (732 CE) stops expansion into Europe.
- Abbasid Dynasty capital moves to Baghdad
- Mongols attack Baghdad (1258)

# Islamic Civilization



#### Contributions

- Architecture Dome of the Rock: Minarets
- Mosaics borrowed from Byzantine Empire
- Translation of Ancient Texts into Arabic
- Arabic Numerals (Adapted from India)
- Al-Jabr Algebra
- Advances in Medicine
- Literature
  - Thousand and One Nights
  - The Rubiyat Omar Khayyam
- Calligraphy
- Advances in Cartography (map making)
- Universities (House of Wisdom)

# **Trade Routes**

#### Aided diffusion & exchange of culture/technology

- Silk Routes across Asia to Mediterranean Basin
- Maritime Routes across Indian Ocean
- Trans-Saharan routes across North Africa
- Western European sea & river trade
- South China Sea & lands of Southeast Asia



#### East African Kingdoms

#### Axum

- Location near Ethiopian
   Highlands & Nile River
- Christian Kingdom

#### Zimbabwe

- Near Zambezi & Limpopo Rivers; Indian Coast
- capital of prosperous empire

#### Japan

#### Geography

- Mountainous Archipelago
- o 4 main islands
- o Proximity to China & Korea
- Sea of Japan/East Sea separates archipelago from Asian mainland

#### Chinese Influence

- Writing
- Architecture
- o Buddhism

#### Shinto

- Unique to Japan
- Importance of natural features, forces of nature, ancestors

Torii Gate (Shinto)

State Religion; worship of Emperor

#### Development of Feudalism

Samurai Warriors

# The Eastern Hemisphere

# Timbuktu: A Center for Trade ASIA APABIA AP

# West African Kingdoms

#### Importance of **Gold & Salt** to trans-Saharan trade

- 1. Ghana
  - 1<sup>st</sup> Great Kingdom
- 2. Mali
  - Mansa Musa
  - o Islam
  - Timbuktu becomes key Islamic City
- 3. Songhai

#### Animism

- Belief in nature spirits
- Most common African Religion

#### Bantu Migrations

- Population shifts
- Bantu languages basis of most African languages



#### Influence of Christianity

- Age of Faith
- As Secular authority declined, Church authority grew
- Monasteries preserve Greco-Roman cultural achievements
  - St. Benedict Benedictine Monks
  - Sister Scholastica creates women's order
- Missionaries carry Christianity to Germanic tribes
  - Patrick Ireland
- Pope anoints Charlemagne Emperor
- Parish priests see to the needs of the people
- Church controls Papal States territories in Italy



- 2 Dynasties Merovingian & Carolingian
- Clovis converts to Christianity
- Charles Martel stops Muslim onslaught at **Battle of Tours**
- Pepin the Short expands Frankish kingdom
- Charlemagne crowned Holy Roman Emperor – Christmas Day, 800 CE
- Age of Charlemagne –revives Education, Roman culture
  - o Missi Dominici Court officials
- Treaty of Verdun splits Charlemagne's empire among 3 grandsons



#### Feudalism & Manorialism

Solution to new invasions



Europe

Early Medieval Period

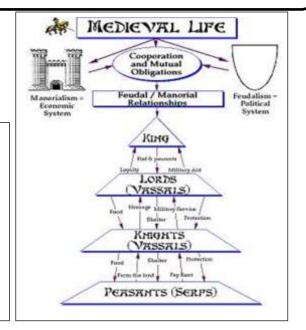
# Vikings

- Originate in Scandinavia
- Use Longboats to navigate Rivers/Seas
- Create settlements in Ireland & Iceland
- Eric the Red
  - 1<sup>st</sup> European in Greenland
- Leif Ericson
  - 1<sup>st</sup> European to land in North America



**Other Invaders** 

- Magyars
  - Originate CentralAsia, settleHungary
- Muslims
  - Impact Sea Trade
- Angles, Saxons, Jutes
  - Migrate to BritishIsles



# Emergence of Nation-States

#### I. England

- a. William the Conqueror (1) wins Battle of Hastings, 1066; (2) unites England
- b. Henry II establishes Common Law
- c. King John signs Magna Carta
- d. Henry VII unifies after War of Roses
- e. Evolution of Parliament (legislature)

#### II. France

- a. Hugh Capet establishes French throne in Paris
- Philip II & Philip IV establish strong central government
- c. Charles VII establishes military & taxes
- d. Joan of Arc becomes unifying factor

#### III. Spain

- a. Ferdinand & Isabella unite country
- b. Reconquista
  - i. Inquisition used to expel Jews & Muslims

#### IV. Germany

German Princes remain stronger than king –
 fails to unify as early as other nations

#### V. Russia

- a. Ivan the Great (1) throws off "Mongol Yoke";(2) Centralizes power in Moscow
- b. Power centralized in hands of Tsar (Czar)
- c. Eastern Orthodox Church influences unification.

#### **Hundred Years War**

- France v. England
- Peasants with longbows replace knights
- Joan of Arc turns war in France's favor
- Both countries experience a new sense of *Nationalism*

#### **New Invasions**

- Mongols
- Russia Khanate of the Golden Horde
- Ottoman Turks
- End ByzantineEmpire (1453)
- Create OttomanEmpire

 Clergy very often the only literate members of society

**Church Scholars** 

- Translated Greek & Arabic works into Latin
- Made new knowledge available in W. Europe
- Laid foundation for the rise of Universities



**Gothic Cathedral** 

# Late Medieval Period

# **Black Death**

- Bubonic Plague
- Spread along Trade Routes

#### Impact

- Decline of Population
- Scarcity of Labor
- Towns freed from feudal obligation
- o Decline of Church influence
- Disruption of Trade

#### Crusades

#### **Key Events**

- Pope Urban calls for 1<sup>st</sup> Crusade
- Jerusalem is captured in 1<sup>st</sup>
- Crusader States established
- Jerusalem is lost to Saladin
- Constantinople sacked by Western
  Crusaders

#### Effects

- Weakened Pope & Nobles
- Strengthened Kings
- Stimulated Trade
- Left legacy of bitterness between monotheistic faiths
- Weakened Byzantine Empire

# Economic Foundations

- Crusades lead to an increased demand in Middle Eastern goods
- More European goods produced for trade to Middle Eastern markets
- Credit & Banking develop to aid long-distance trade – Letters of Credit
  - New Accounting/Bookkeeping methods adopted (Arabic Numerals)

## Art & Literature

- Focus on individuals & worldly matters in addition to Christianity
- Humanism
  - Celebrated the Individual
  - Renewed interest in Greek/Roman works
  - Supported by wealthy patrons
- Francesco Petrarch
  - "Father " of Humanism
  - Writer of Sonnets
- Leonardo DaVinci
  - Mona Lisa & The Last Supper
- Michelangelo
  - Ceiling of the Sistine Chapel & David

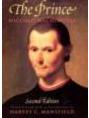


#### **Italian City-States**

- Disagreements between Church & Northern Italian city-states over usury (lending money w/interest) leads to more secularization
- Florence, Genoa, & Venice grow wealthy:
  - proximity to trade routes
  - distribution centers
  - o independent; governed as Republics
- Wealthy merchants become active civic leaders
- Medici
  - Wealthy Florence family
    - Patrons of the Arts







# Machiavelli

- The Prince
- Early modern *treatise* (written work dealing formally and systematically with a subject) on **Government**
- Supports Absolute Power of rulers
- "End justifies the means"
- Advises that one should not only do good if possible, but do evil when necessary

# The Renaissance

Rebirth of arts and sciences

#### Northern Renaissance

- Growing wealth in Northern Europe supported Renaissance ideas.
- Northern Renaissance thinkers merged humanist ideas with Christianity = Christian Humanism
- The movable type printing press and the production and sale of books (e.g., **Gutenberg Bible**) helped disseminate ideas.
- Northern Renaissance Writers
  - Desiderius Erasmus The Praise of Folly (1511)
  - Sir Thomas More Utopia (1516)
- Northern Artists
  - Dürer, Van Eyck, Hans Holbein the Younger, Bruegel





# Early Civilizations in North America

Migration from Asia across Bering Strait

#### **Olmecs**

- "Rubber People"
- "Mother" Civilization of Mesoamerica
- Traders
- Played pok-a-tok games
- Temples/Pyramids
- "Colossal Heads"



Maya, Aztec, & Inca

# Maya

- **Located primarily on Yucatan Peninsula**
- Economy = Agriculture
- Govt. = City-states ruled by Kings
- Premier cities = Chichén Itzá, Tikal
- Strict social classes
  - Priests, Nobles, Warriors Upper class
- Polytheistic Religion
  - **Human Sacrifices**
  - Pyramid temples
- Achievements
  - Hieroglyphics 0
  - 365-day Calendar
  - Number system 0
  - Astronomy



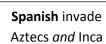
Pyramid at Chichén Itzá

#### Inca

- **Developed in Andes Mountains**
- Economy = Agricultures
  - High-Altitude Farming; Terrace Farming
- Government = Emperor
  - Socialized Economy; Govt. controlled
- Premier Cities = Cuzco; Machu Picchu
- Religion = Polytheistic
  - Chief god Sun god
- Achievements
  - Quipus (Record-keeping); Engineering;
  - Vast Road network







Chinampas

#### Aztec

- **Located in Central Mexico**
- Economy = Agriculture
  - Chinampas floating gardens
- Government = Empire
  - Trade & Tribute from conquered peoples
- Premier City = Tenochtitlan
  - Located on Lake Texcoco
- Religion = Polytheistic
  - Chief god Sun god
  - Rituals based on warfare
- Achievements
  - Causeways, Aqueducts, Dams, Canals, Pyramids



Alpaca looking over Machu Picchu