



■ Essential Question:

–What were the important characteristics of the civilizations in the Indus River Valley?

■ Warm-Up Question:

–Name 2 similarities and 2 differences between Egypt & Mesopotamian civilizations



The Indus River Valley (India)

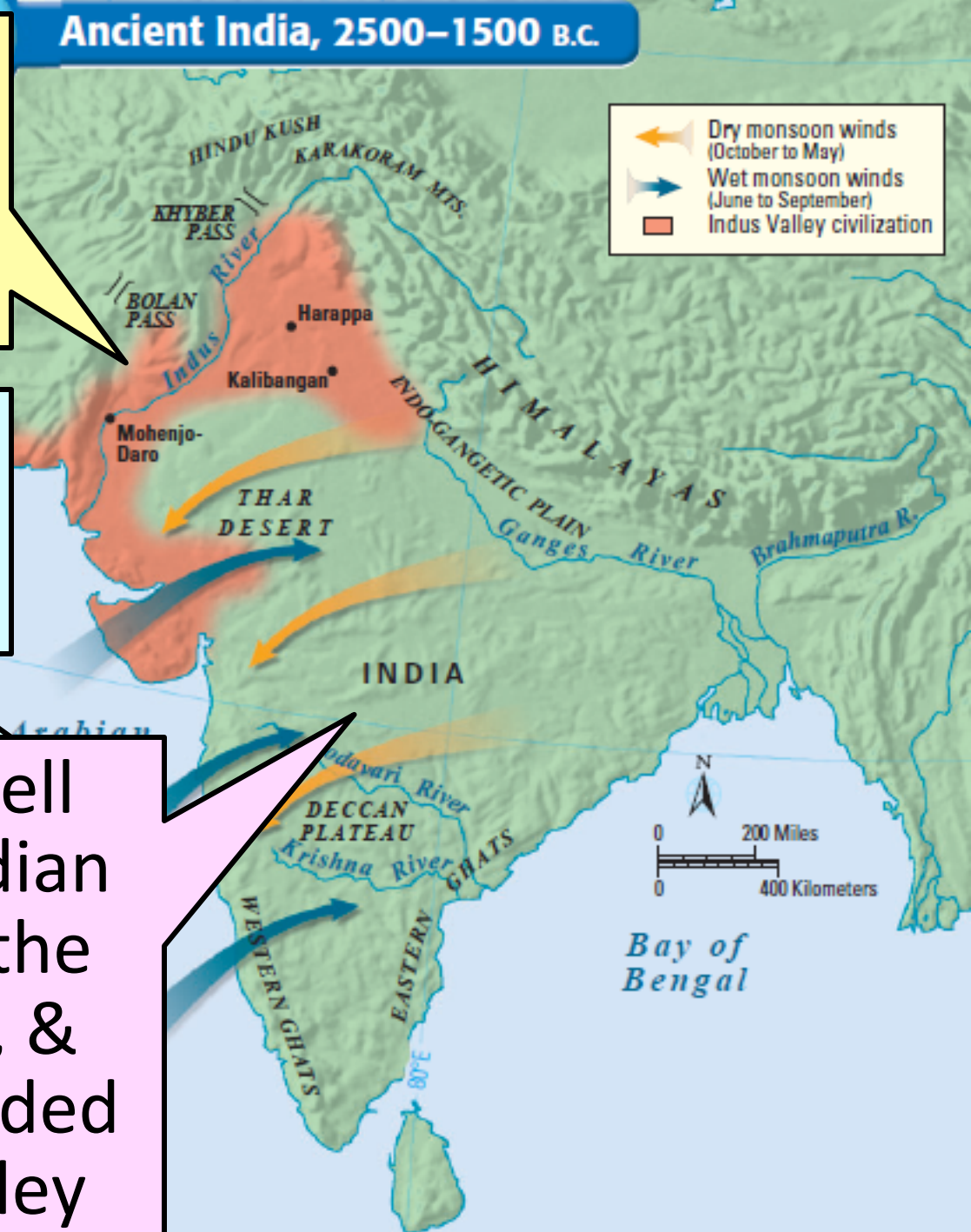
REGION	CIVILIZATION	3500 B.C.	3000	2500	2000	1500	1000 B.C.
Mesopotamia	Sumerian	█	█	█			
	Babylonian				█		
	Hittite					█	█
Palestine	Phoenician						█
	Israelite						█
Egypt	Egyptian		█	█	█	█	█
Indus Valley	Harappan			█	█		
	Aryan						█
China	Shang/Zhou					█	█

Ancient India, 2500–1500 B.C.

India began along the Indus River, which flooded & left behind fertile soil

Seasonal monsoons caused summer rains & floods

The people were well protected on the Indian “subcontinent” by the oceans, mountains, & deserts that surrounded the Indus River Valley



Lasting Contributions

Advanced cities:

–Indus cities were laid out in a grid system with high walls & citadel of major buildings

Advanced Cities

- Planned cities had neatly laid-out streets and fortified areas.

Specialized Workers

- Artisans made various goods, which traders exchanged with other peoples.

Complex Institutions

- Rulers organized the work of laying out the cities.

Record Keeping and Writing

- The system of writing has not yet been deciphered.

Advanced Technology

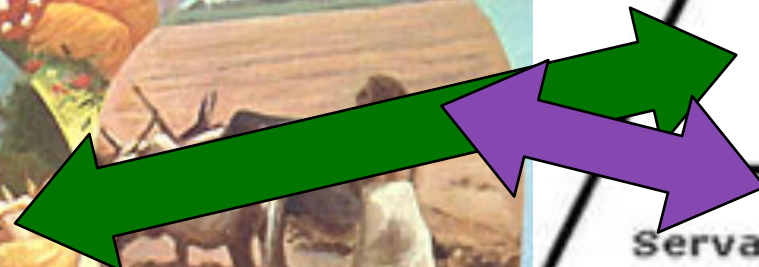
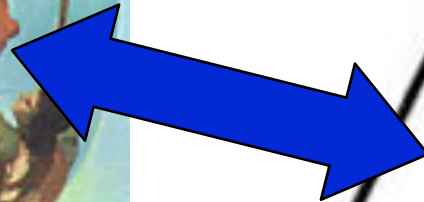
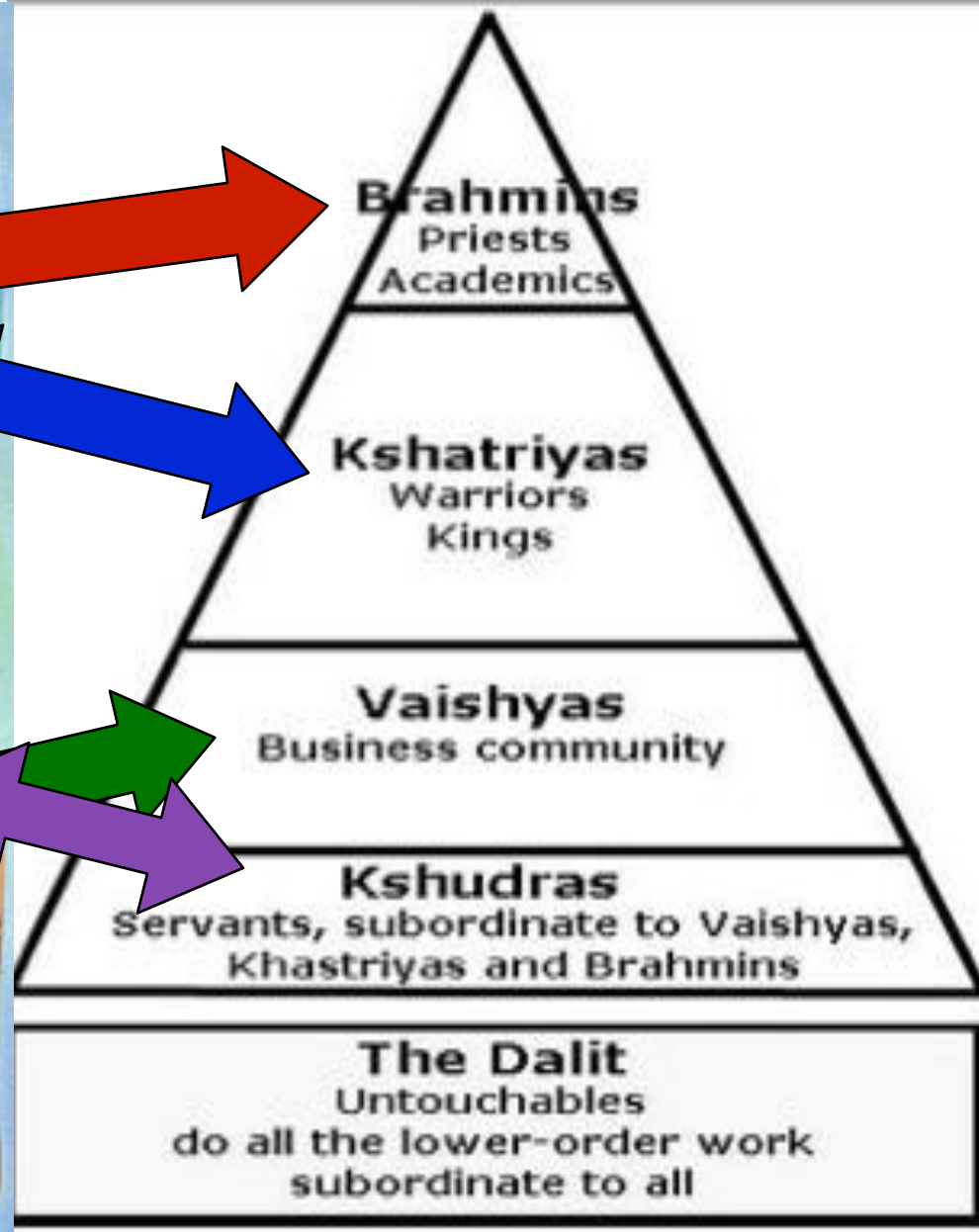
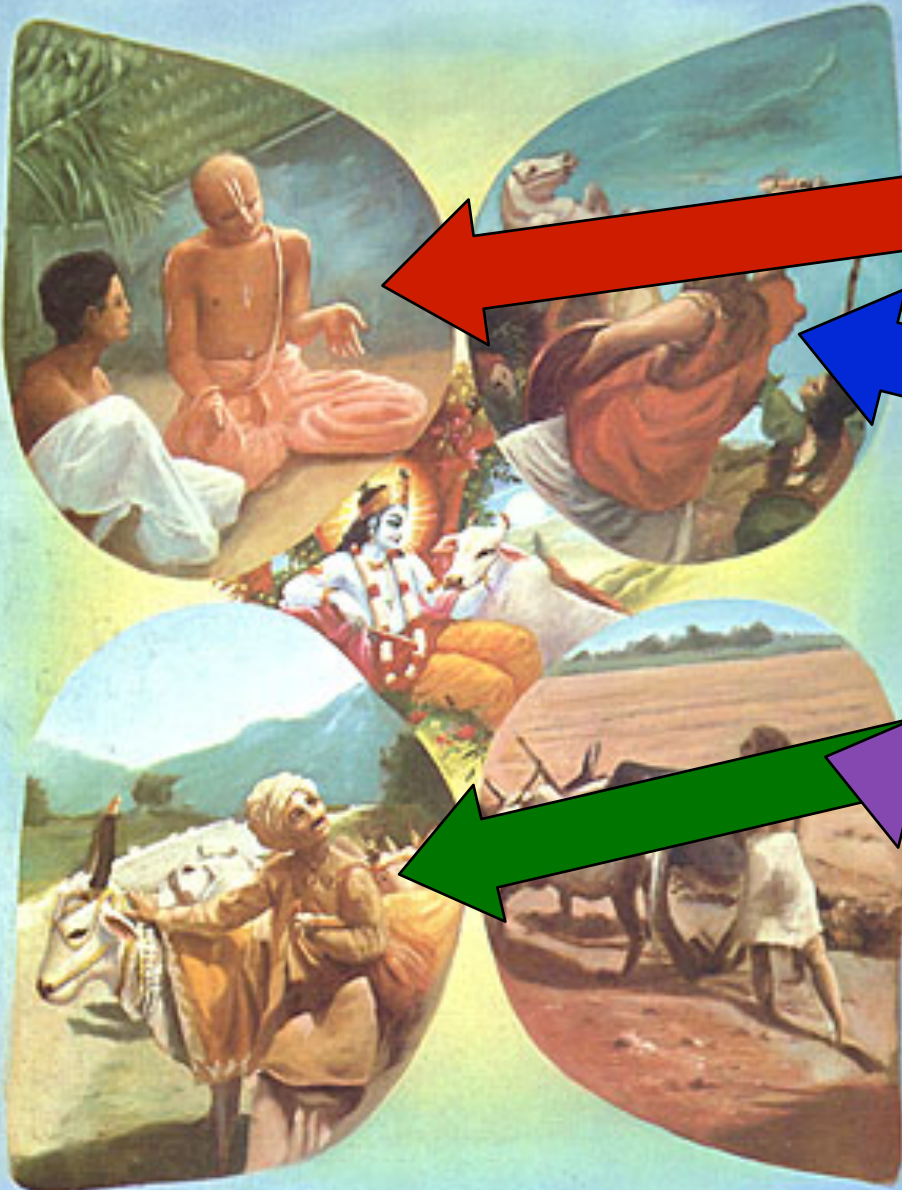
- Engineers made sophisticated buildings and plumbing systems.



Lasting Contributions

Advanced

• Planned cities

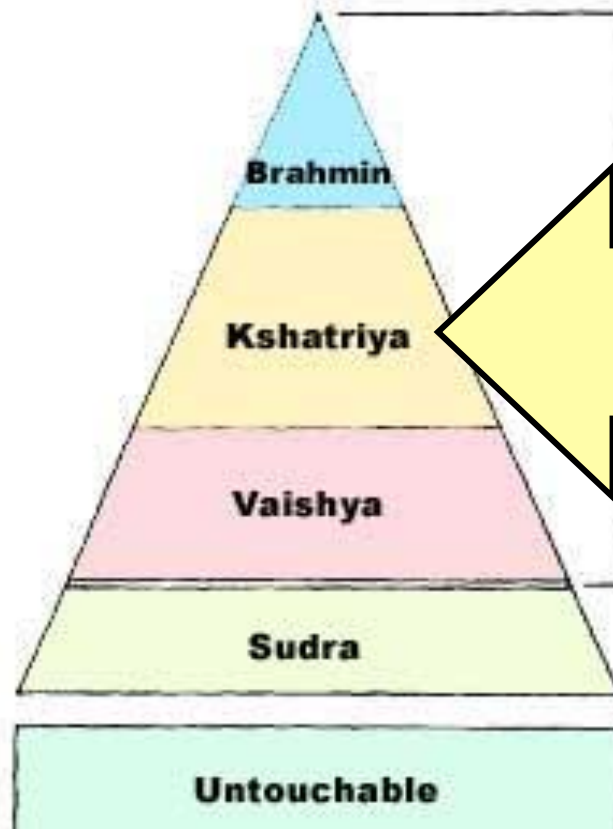


Indus Valley

Advanced Cities	<ul style="list-style-type: none">Planned cities had neatly laid-out streets and fortified areas.
Specialized Workers	<ul style="list-style-type: none">Artisans made various goods, which traders exchanged with other peoples.
Complex Institutions	<ul style="list-style-type: none">Rulers organized the work of laying out the cities.
Record Keeping and Writing	<ul style="list-style-type: none">The system of writing has not yet been deciphered.
Advanced Technology	<ul style="list-style-type: none">Engineers made sophisticated buildings and plumbing systems.

Lasting Contributions

- **Government:**
 - Little is known about Indus government other than they were ruled by kings



Indus Valley

Advanced Cities	<ul style="list-style-type: none">Planned cities had neatly laid-out streets and fortified areas.
Specialized Workers	<ul style="list-style-type: none">Artisans made various goods, which traders exchanged with other peoples.
Complex Institutions	<ul style="list-style-type: none">Rulers organized the work of laying out the cities.
Record Keeping and Writing	<ul style="list-style-type: none">The system of writing has not yet been deciphered.
Advanced Technology	<ul style="list-style-type: none">Engineers made sophisticated buildings and plumbing systems.

Lasting Contributions

■ Religion:

- Believed in a polytheistic religion called Hinduism
- Hindus believe that one's soul is reborn until moksha is achieved (reincarnation)
- Moksha (*enlightenment* or *nirvana*) is the spiritual release from human form
- A soul's karma (good or bad deeds) effect reincarnation



Srinivas A. Srinivas

Indus Valley

Advanced Cities	<ul style="list-style-type: none"> Planned cities had neatly laid-out streets and fortified areas.
Specialized Workers	<ul style="list-style-type: none"> Artisans made various goods, which traders exchanged with other peoples.
Complex Institutions	<ul style="list-style-type: none"> Rulers organized the work of laying out the cities.
Record Keeping and Writing	<ul style="list-style-type: none"> The system of writing has not yet been deciphered.
Advanced Technology	<ul style="list-style-type: none"> Engineers made sophisticated buildings and plumbing systems.






La
 ■ Writi
 -Ind
 full
 Ind

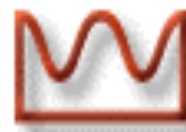
SCRIPT

Archaic
 Sumerian

Hieroglyphic
 Egyptian

Ancient
 Indus

	SIGN (S)	PICTORIAL MEANING
		fish
a		roof + fish
b		halving, dividing + fish
c		(intervening) space + fish
d		fig-tree + fish
e		



?

phonetic characters

been
 ch of
 tery

MEANING

tain
 country
 igh country

hill country
 foreign country
 mountain

Advanced Cities	<ul style="list-style-type: none"> Planned cities had neatly laid-out streets and fortified areas.
Specialized Workers	<ul style="list-style-type: none"> Artisans made various goods, which traders exchanged with other peoples.
Complex Institutions	<ul style="list-style-type: none"> Rulers organized the work of laying out the cities.
Record Keeping and Writing	<ul style="list-style-type: none"> The system of writing has not yet been deciphered.
Advanced Technology	<ul style="list-style-type: none"> Engineers made sophisticated buildings and plumbing systems.

Lasting Contributions

- **Technology:**
 - Advanced plumbing; Most houses had toilets & private bathrooms connected to underground sewer systems



–Standard bricks



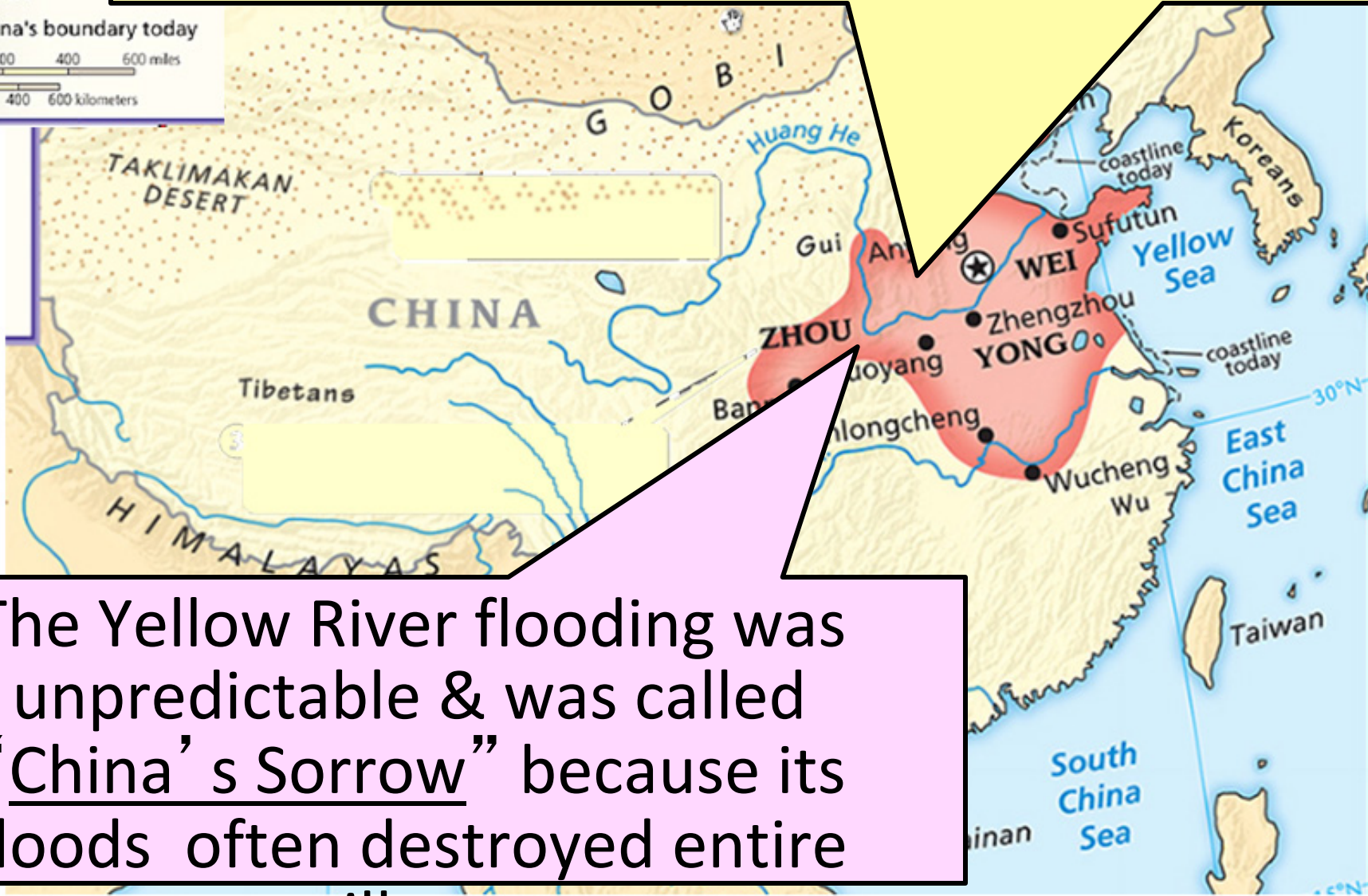
China

REGION	CIVILIZATION	3500 B.C.	3000	2500	2000	1500	1000 B.C.
Mesopotamia	Sumerian	█	█	█			
	Babylonian				█		
	Hittite					█	
Palestine	Phoenician						█
	Israelite						█
Egypt	Egyptian		█	█	█	█	█
Indus Valley	Harappan			█	█		
	Aryan						█
China	Shang/Zhou					█	█

Shang Dyna
1766-1122

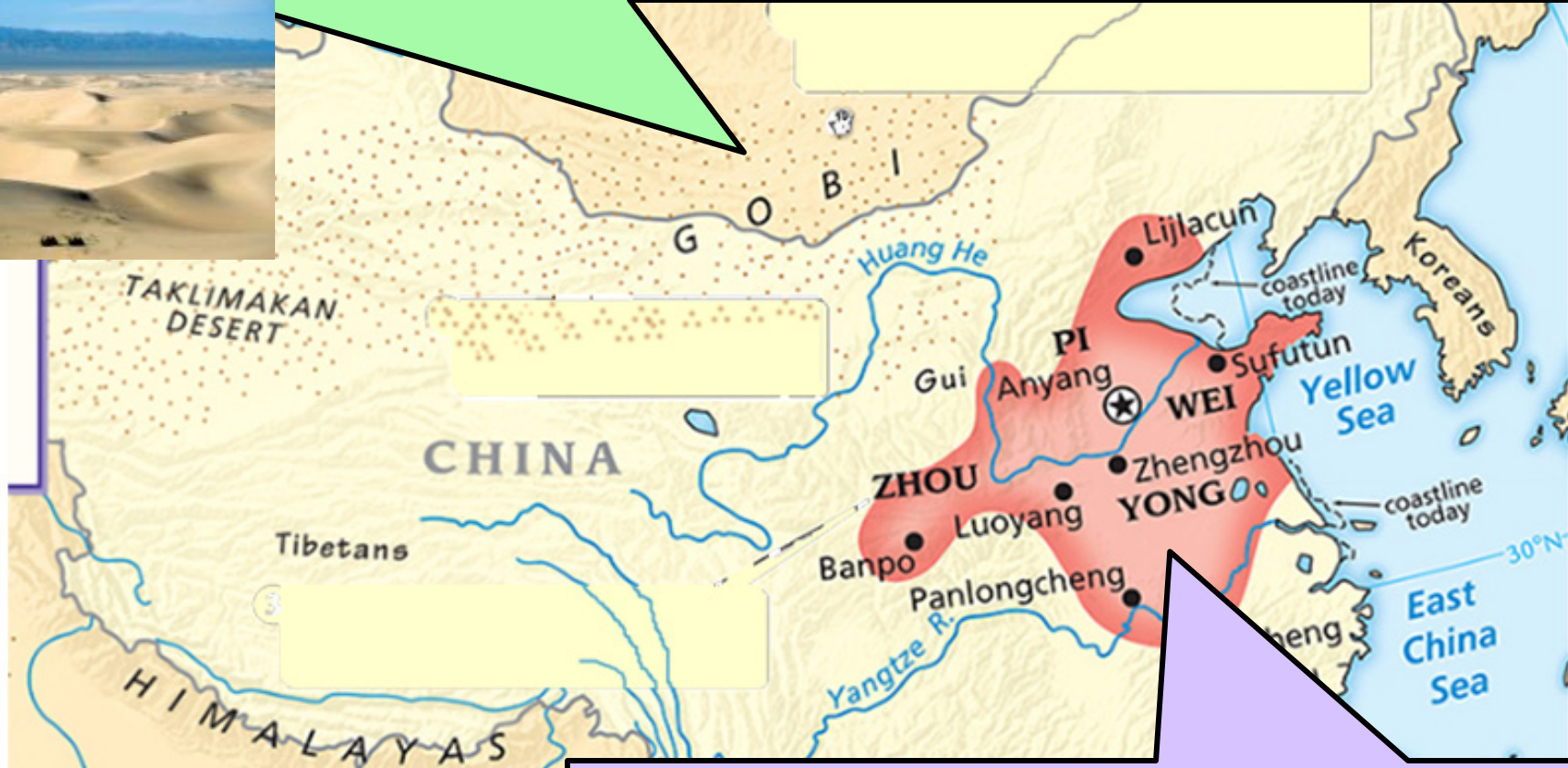
- Ruled by Shang
 - Final Shang ca
 - YONG State under SH
 - Thais Culture group
 - Desert
 - China's boundary today
- 0 200 400 600 miles
0 200 400 600 kilometers

China began along the Yellow (Huang He) & Yangtze Rivers in the North China Plain; Only 10% of China is suitable for farming



The Yellow River flooding was unpredictable & was called “China’s Sorrow” because its floods often destroyed entire

China was protected & isolated from outsiders by deserts & the Himalayan Mountains



The Chinese referred to themselves as the “Middle Kingdom” & rarely traded with outsiders

Lasting Contributions

Advanced Cities:

– Like other river valley

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

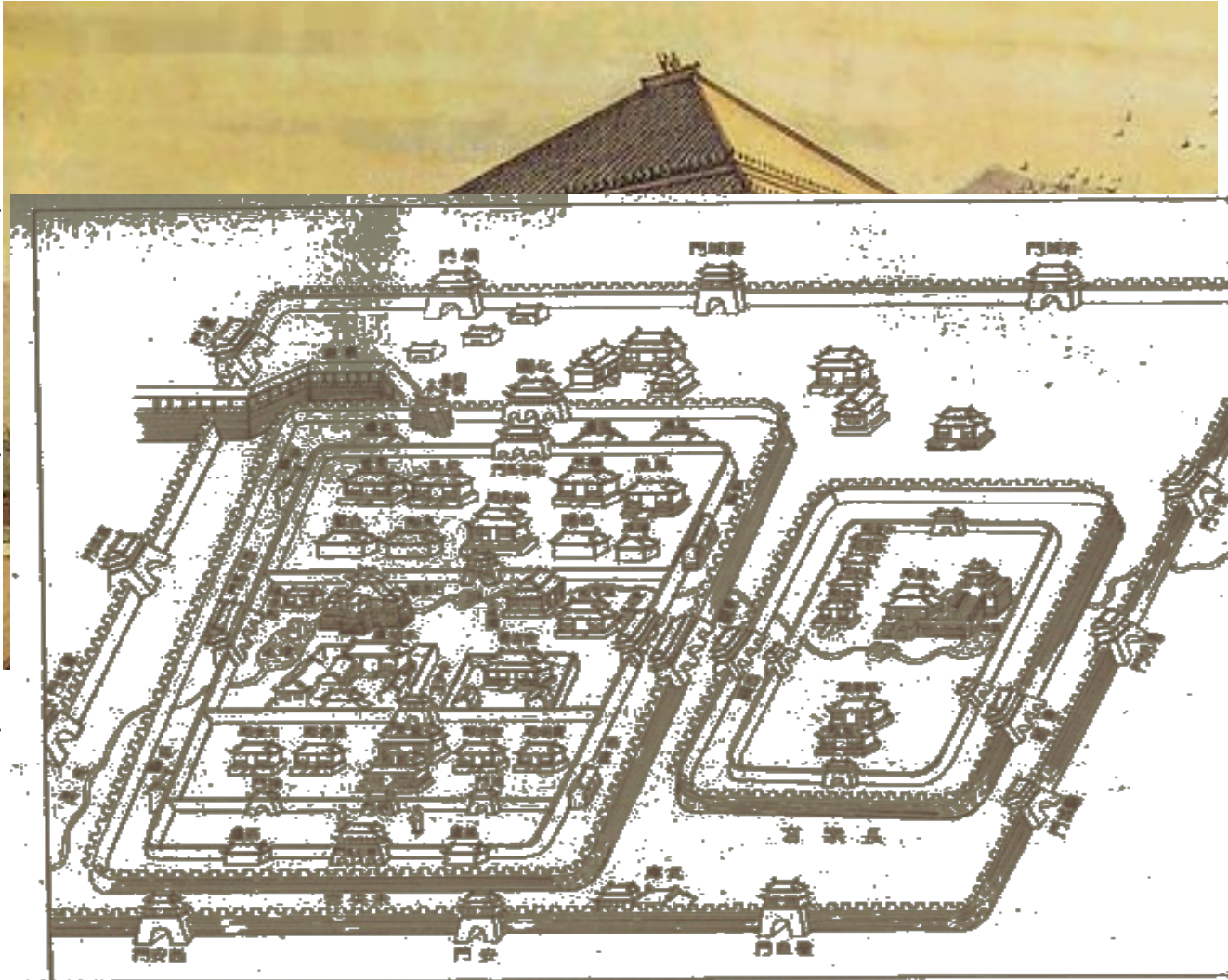
- Rulers organized workers to build canals and city walls.

Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

Advanced Technology

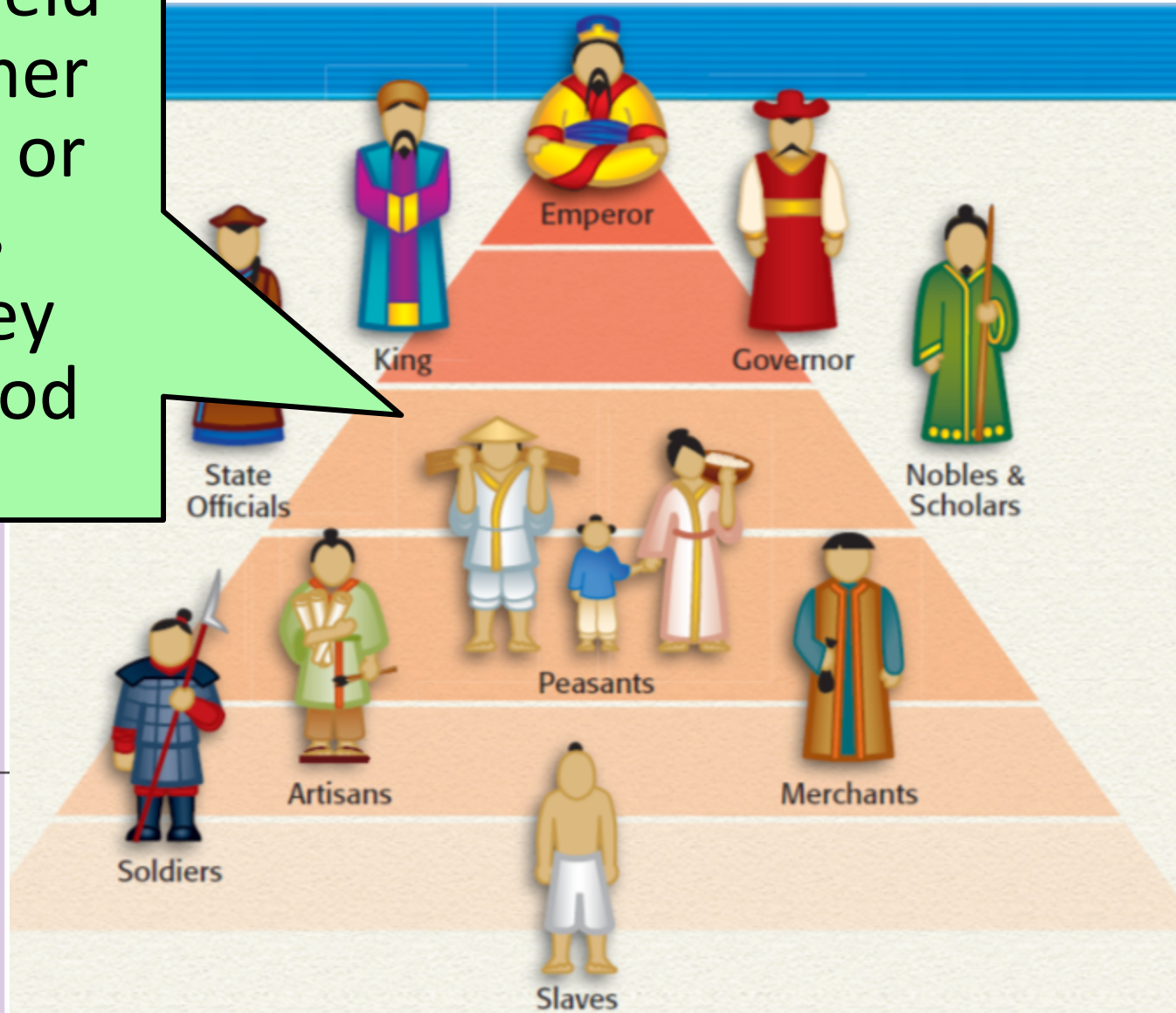
- The Chinese refined bronze casting technology and valuable silk cloth production.



Unlike other river valley civilizations, the Chinese held peasants higher than artisans or merchants because they produced food

Lasting Contributions

Specialized Workers:



Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

Advanced Technology

- The Chinese refined bronze casting technology and valuable silk cloth production.

China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

Advanced Technology

- The Chinese refined bronze casting technology and valuable silk cloth production.

Lasting Contributions

■ Government:

- Like Egypt, China was ruled by families called dynasties
- Ruler's justified their power by claiming Mandate of Heaven (approval of the gods)



China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

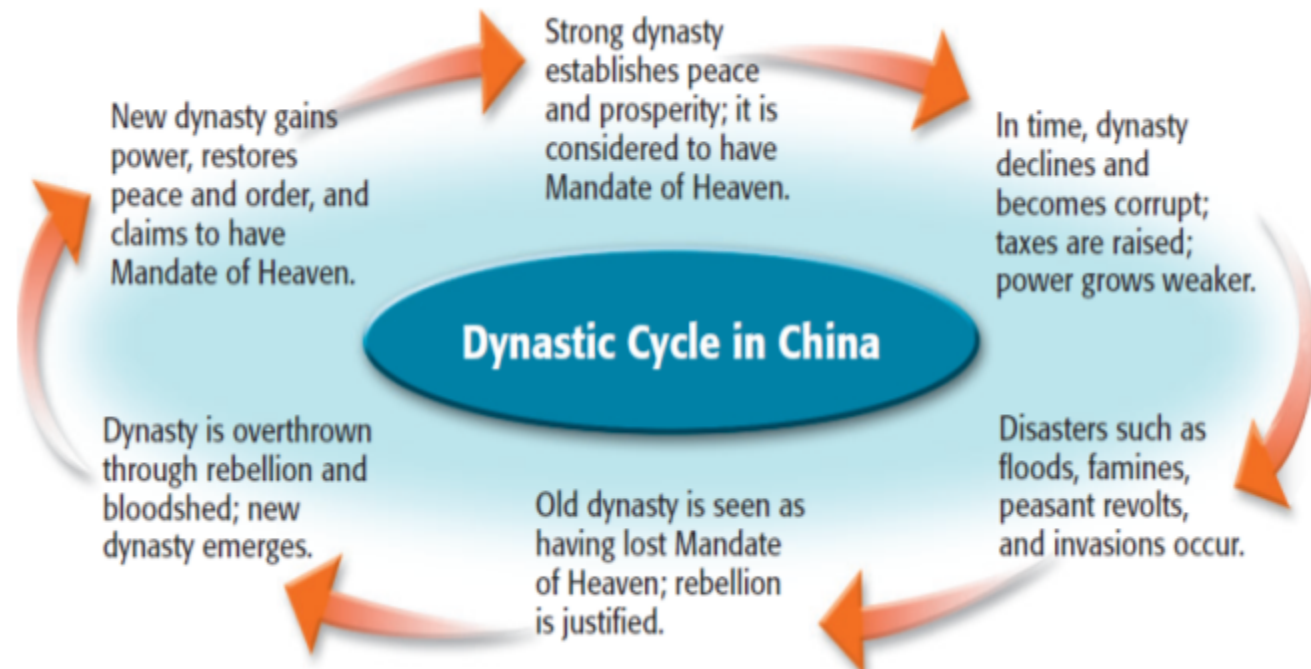
Advanced Technology

- The Chinese refined bronze casting technology and valuable silk cloth production.

Lasting Contributions

■ Government:

- Kings could lose the Mandate of Heaven & be overthrown by a new king, called the Dynastic Cycle



China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Lasting Contributions

■ Government:

- China was also ruled by the ethical system, Confucianism
- Confucianism focused on filial piety (respect for elders)
- Confucius taught social order



Chinese Ethical Systems

Confucianism

- Social order, harmony, and good government should be based on family relationships.
- Respect for parents and elders is important to a well-ordered society.
- Education is important both to the welfare of the individual and to society.

Daoism

- The natural order is more important than the social order.
- A universal force guides all things.
- Human beings should live simply and in harmony with nature.

Legalism

- A highly efficient and powerful government is the key to social order.
- Punishments are useful to maintain social order.
- Thinkers and their ideas should be strictly controlled by the government.

China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

Advanced Technology

- The Chinese refined bronze casting technology and valuable silk cloth production.

Lasting Contributions

■ Religion:

- Chinese believed in ancestor worship, that the spirits of family ancestors should be honored & consulted



China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Record Keeping and Writing

- The writing system helped unify peoples with different languages because characters stood for ideas.

Advanced Technology

- The Chinese refined bronze casting technology and valuable silk cloth production.

Lasting Contributions

■ Writing:

- Like hieroglyphics, Chinese characters stood for sounds but the 10,000 characters made it hard to learn to write

ox goat, sheep tree moon earth

Ancient symbol



Modern character



China

Advanced Cities

- Cities had massive earthen walls for protection.

Specialized Workers

- Warriors defended the land.
- Artisans made beautiful and useful items.

Complex Institutions

- Rulers organized workers to build canals and city walls.

Lasting Contributions

- Technology:
 - Cast iron tools & weapons
 - Standardized coins
 - The Grand Canal connected

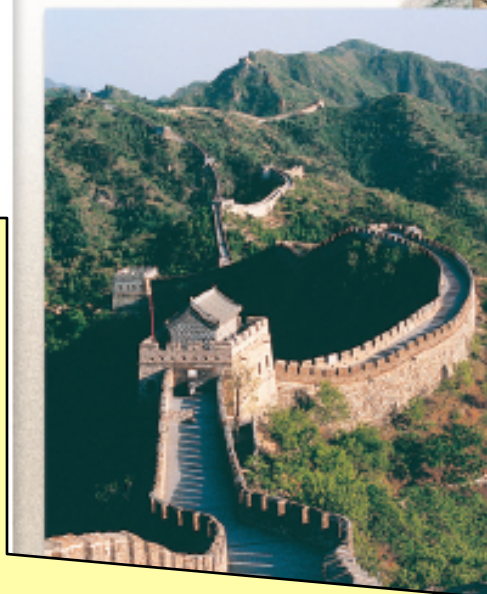


The Great Wall of China

From the Yellow Sea in the east to the Gobi Desert in the west, the Great Wall twisted like a dragon's tail for thousands of miles. Watch towers rose every 200 to 300 yards along the wall.

In the time of Shi Huangdi, hundreds of thousands of peasants collected, hauled, and dumped millions of tons of stone, dirt, and rubble to fill the core of the Great Wall.

Slabs of cut stone on the outside of the wall enclosed a heap of pebbles and rubble on the inside. Each section of the wall rose to a height of 20 to 25 feet.



The Qin Dynasty, 221–202 B.C.



The Great Wall was built to protect China from invasions from the North