



# WHEN OLD & NEW WORLDS MEET





ENGLAND

FRANCE

GENOA

VENICE

PORTUGAL

SPAIN

SAFAVID EMPIRE

MING DYNASTY

OTTOMAN EMPIRE

MUGHAL EMPIRE

SONGHAI EMPIRE

SOUTHEAST ASIA &  
EAST INDIES

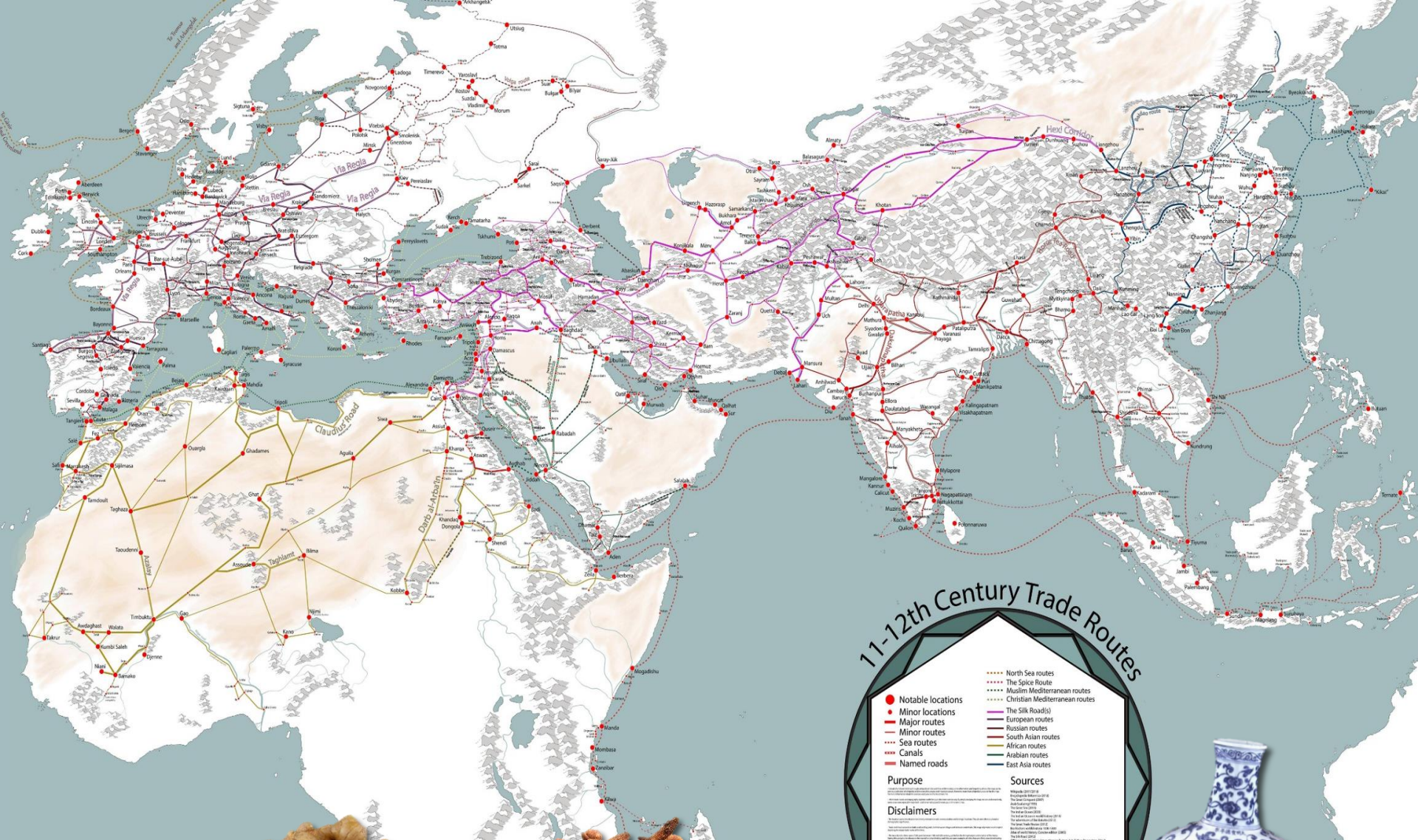
# WHY WOULD THE WEST EXPLORE & LEAD?

COMPETITION

INDIVIDUALISTIC  
MINDSET

NEEDS & WANTS

RELIGIOUS WORLDVIEW



China  
Porcelain

Moluccas  
Cloves

# The Age of Exploration

China  
Silk

India and China  
Ginger



**Map Key**

Spice route (10th-14th centuries)  
 Silk route (10th-14th centuries)  
 Salt and gold route (10th-14th centuries)  
 Portuguese trade route (15th-16th centuries)

Columbus, 1st journey (1492)  
 Columbus, 2nd journey (1493-1496)  
 Columbus, 3rd journey (1498)  
 Columbus, 4th journey (1502-1504)

Note: All routes shown on map are approximations.

©2015 The Age of Exploration Map

Africa  
Salt Cones

India  
Pepper

Ceylon (Sri Lanka)  
Cinnamon

India  
Rubies

Africa  
Ivory  
Gold

Caribbean Isle  
Allspice

Moluccas  
Nutmeg



# FIRSTS TO EXPLORE & COLONIZE

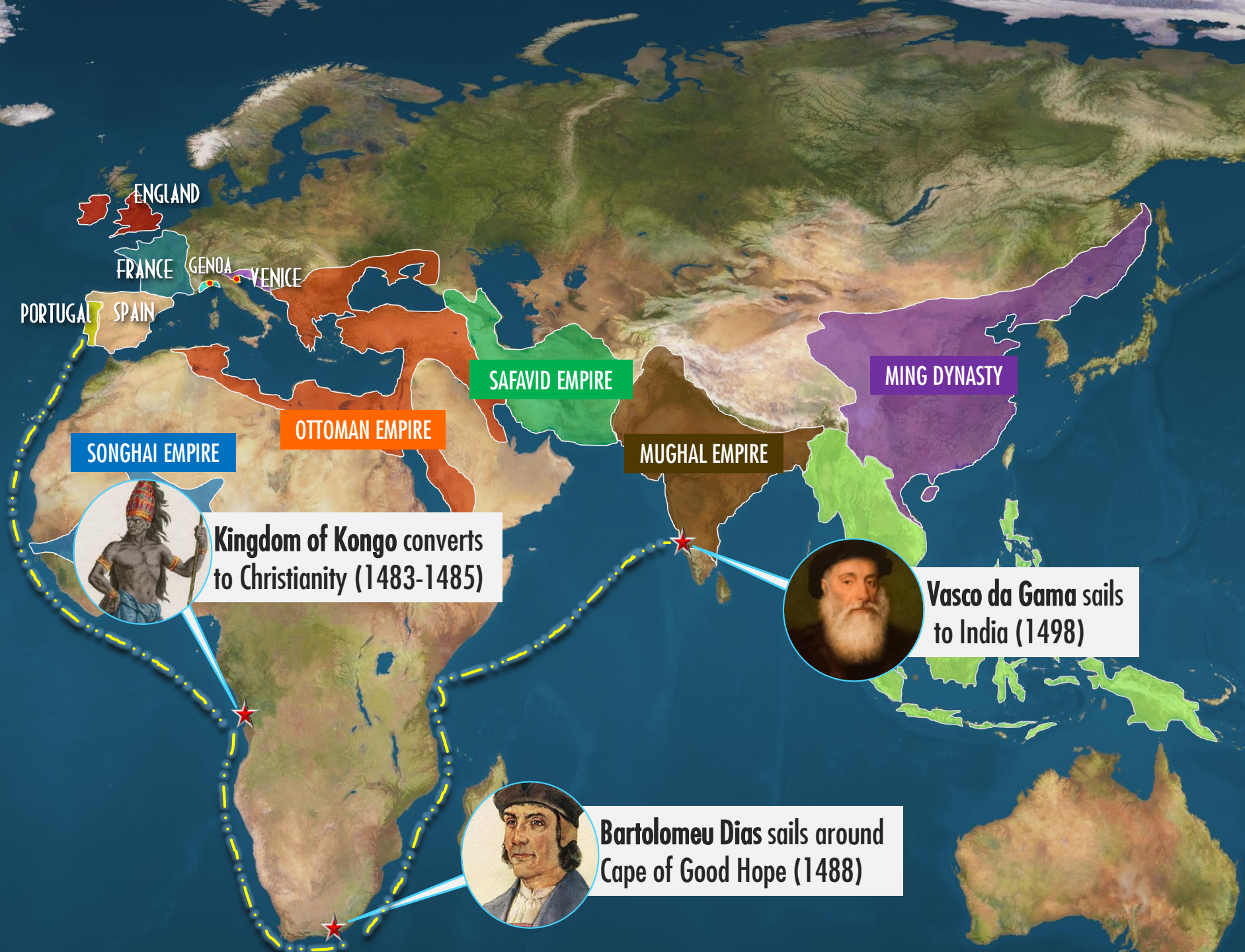
# PRINCE HENRY

## THE NAVIGATOR

(1394-1460)

PRINCE OF PORTUGAL  
ESTABLISHED SCHOOL  
OF NAVIGATION  
DIRECTED VOYAGES  
AROUND HORN OF AFRICA





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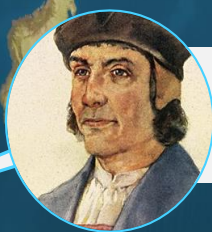
SONGHAJ EMPIRE



**Kingdom of Kongo converts to Christianity (1483-1485)**



**Vasco da Gama sails to India (1498)**



**Bartolomeu Dias sails around Cape of Good Hope (1488)**

# RECONQUISTA

C. 711-1492

Re-conquest of Spain and Portugal by  
Christian states against Muslims (Moors)



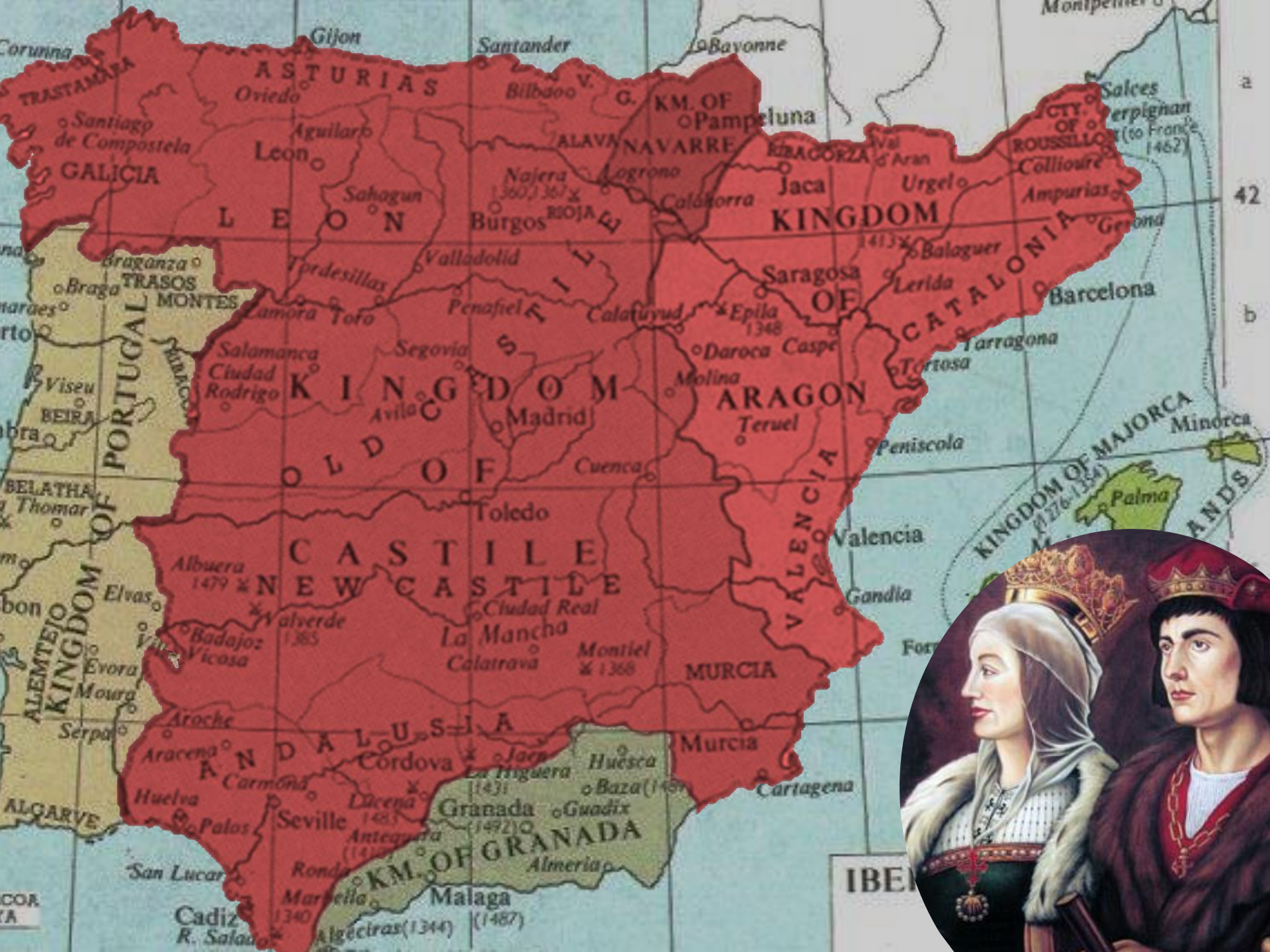




ISABELLE  
OF CASTILE

1469

FERDINAND  
OF ARAGON



# COLUMBUS PROPOSES A WESTWARD EXPEDITION (MAY 1489)





# CHRISTOPHER COLUMBUS

(1451-1506)

ITALIAN EXPLORER  
& MARINER

4 TRANSATLANTIC TRIPS  
GOVERNOR OF HISPANIOLA  
CONTROVERSIAL FIGURE



CAPITULATION OF GRANADA (JAN. 1492)

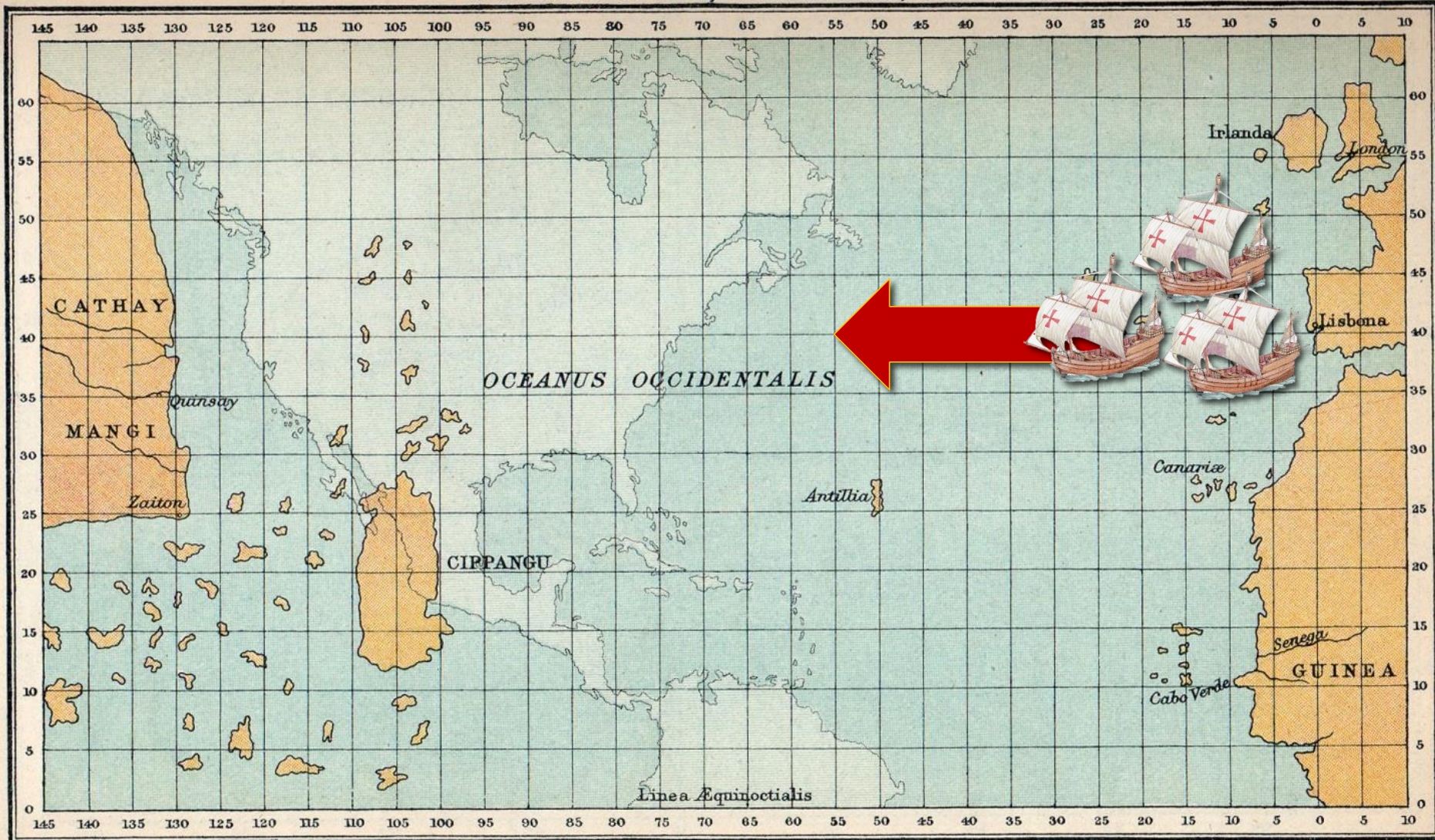


COLUMBUS APPROVED FOR VOYAGE (JAN. 1492)



Martellus Map  
1489

# ATLANTIC OCEAN, TOSCANELLI, 1474



The Correct outline of North America is shown in light blue tint

John Bartholomew & Co., Edin.

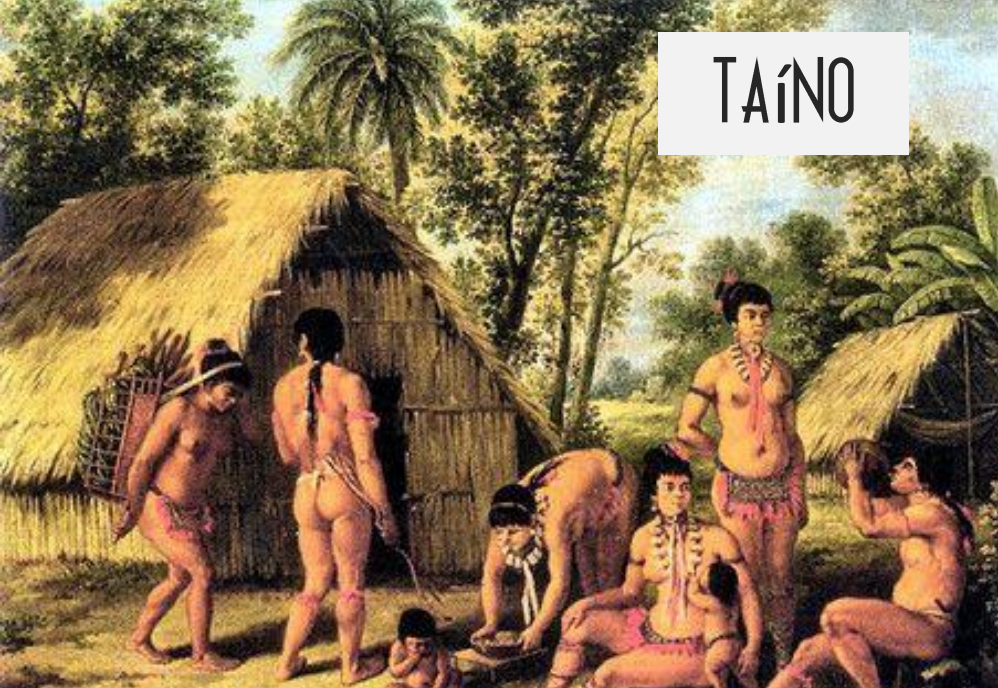
COLUMBUS SETS SAIL AUGUST 3<sup>RD</sup>, 1492

NINA - PINTA - SANTA MARIA



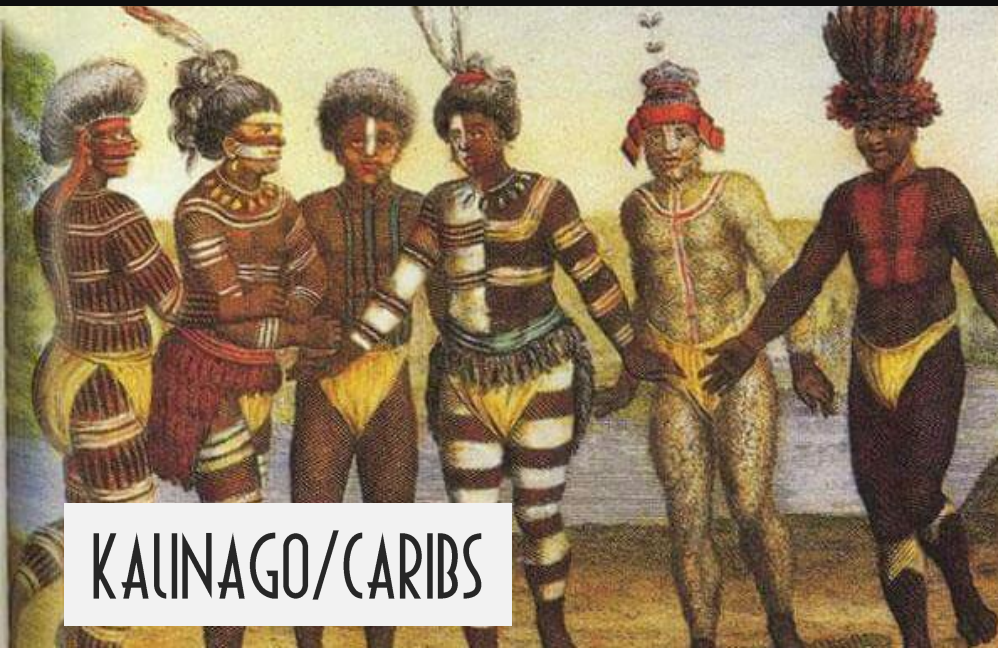
COLUMBUS LANDS IN BAHAMAS  
OCTOBER 12<sup>TH</sup>, 1492





# TAÍNO

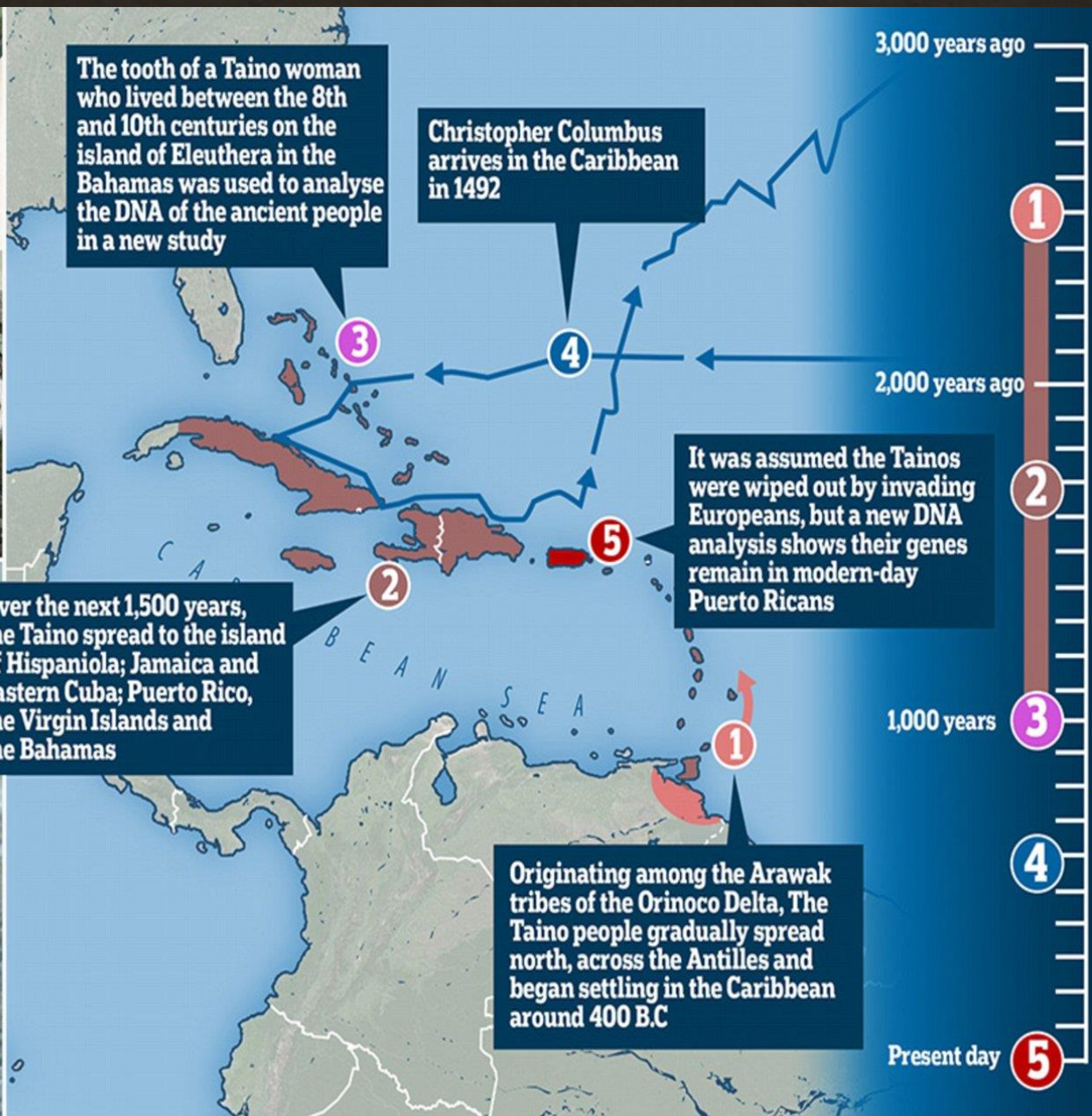
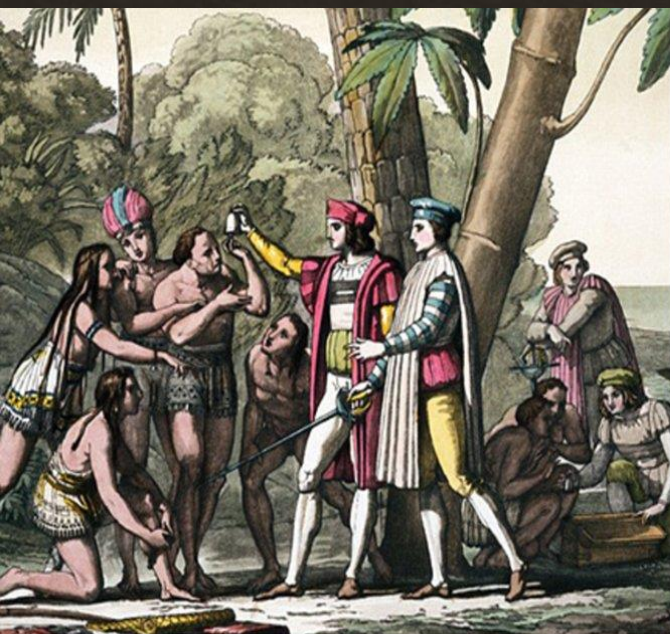
Europeans called natives “los indios”



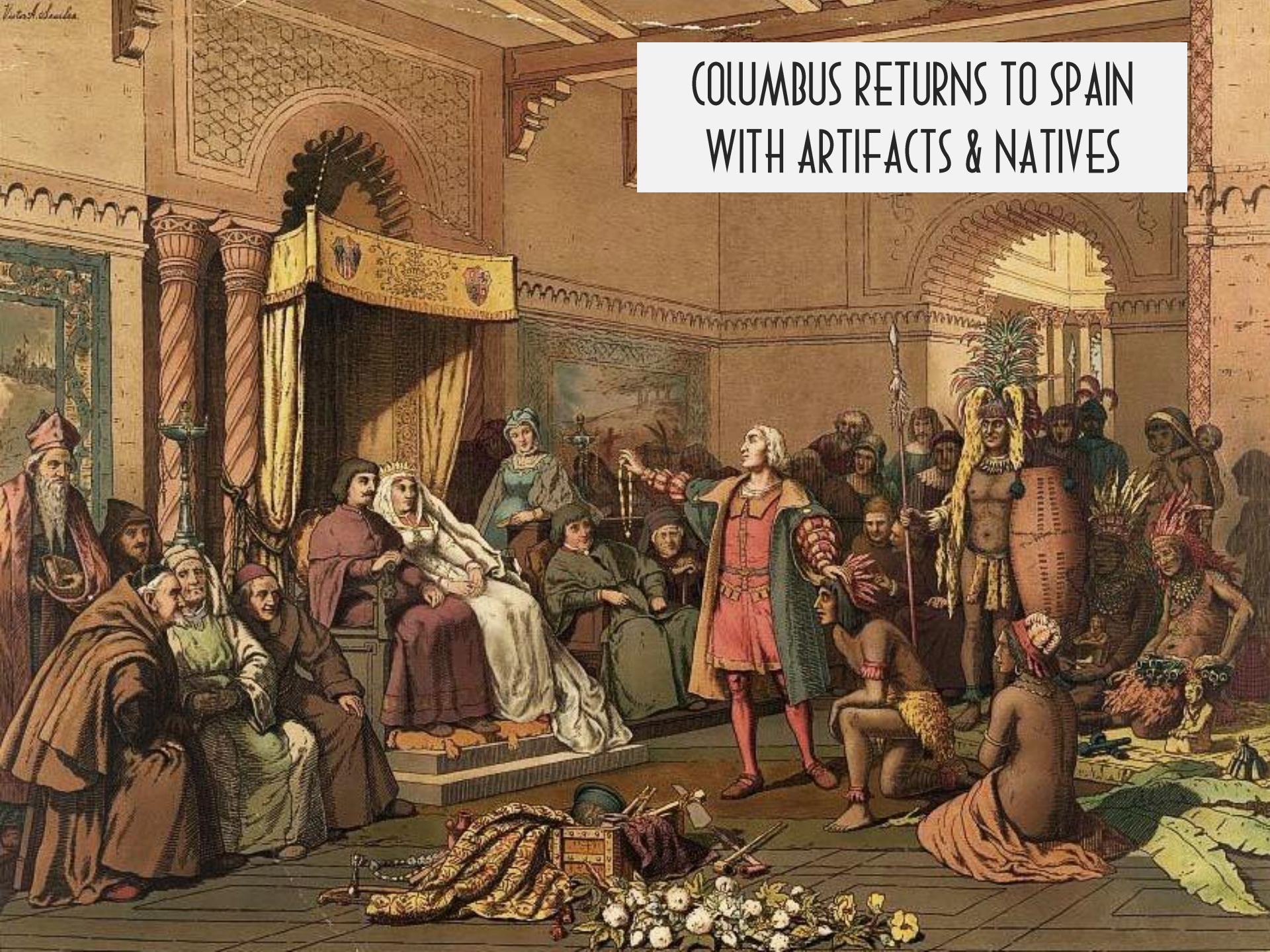
# KAÍNO/CARIBS



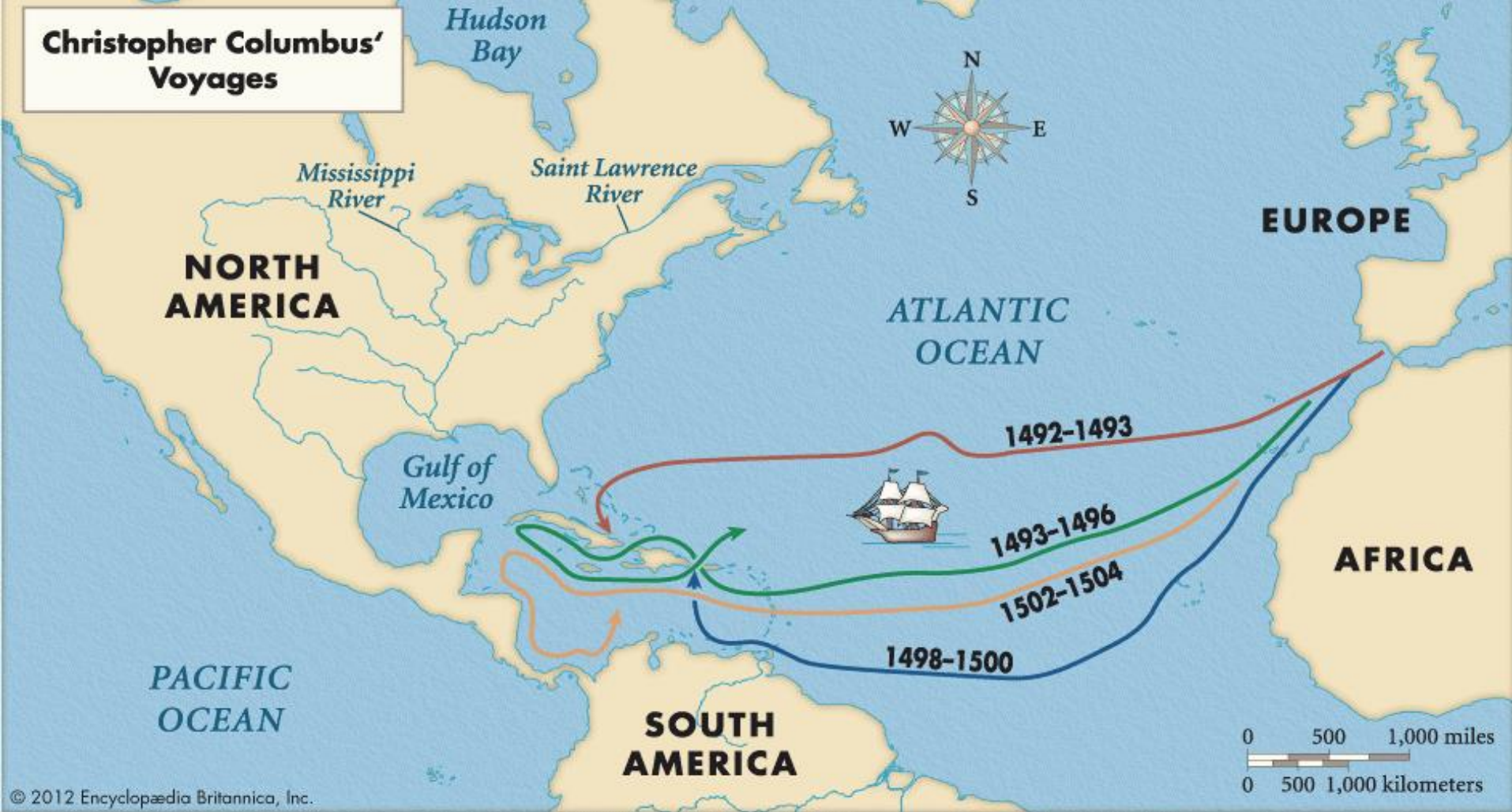
EUROPEANS STAYED 4-5 MONTHS  
PEACE & VIOLENCE ON BOTH SIDES  
GOLD & SLAVES BROUGHT BACK



# COLUMBUS RETURNS TO SPAIN WITH ARTIFACTS & NATIVES



## Christopher Columbus' Voyages



- COMPLETED A TOTAL OF 4 VOYAGES
- BELIEVED HE HAS REACHED CATHAY (CHINA)
- NAMED MANY OF THE ISLANDS (I.E. HISPANIOLA)
- BROUGHT NATIVE SLAVES & GOLD BACK TO EUROPE
- WAS GOVERNOR & VICEROY OF INDIES W/ BRO C. 7YRS

- SEVERAL NATIVE & SPANIARD REBELLIONS HAPPENED ON HIS WATCH
- ACCUSED OF BRUTALITY & MISMANAGEMENT. WAS THUS REMOVED, ARRESTED, & ACQUITTED.
- DIED SICKLY W/ LITTLE WEALTH (1506)

# VILLIAN or VISIONARY?



# SAVAGE or SAINT?



# ANTONIO DE MONTESINOS (1475 - 1540)

DOMINICAN FRIAR IN  
HISPANIOLA WHO  
STARTED THE PUBLIC  
OUTCRY AGAINST THE  
ENSLAVEMENT OF  
THE NATIVES

# BARTOLOMÉ DE LAS CASAS (1474 - 1566)

SPANISH PRIEST  
& SOCIAL REFORMER

WROTE PAMPHLETS  
CRITICIZING THE BRUTALITY  
OF CONQUISTADORS  
TOWARDS NATIVES

CHALLENGED MASS  
CONVERSION & PROMOTED  
HUMAN RIGHTS



"I SAW HERE CRUELTY ON A  
SCALE NO LIVING BEING  
HAS EVER SEEN OR EXPECTS  
TO SEE."

“WHAT WE COMMITTED IN  
THE INDIES STANDS OUT  
AMONG THE MOST  
UNPARDONABLE OFFENSES  
EVER COMMITTED  
AGAINST GOD AND  
MANKIND, AND THIS  
TRADE AS ONE OF THE  
MOST UNJUST EVIL AND  
CRUEL AMONG THEM.”

## DESTRUCTION OF THE INDIES (1542)





# ALEXANDER VI



# ORDER OF THE POPE, SPAIN & PORTUGAL DIVIDED ALL NEWLY DISCOVERED LANDS

# AMERIGO VESPUCCI

(1454-1512)

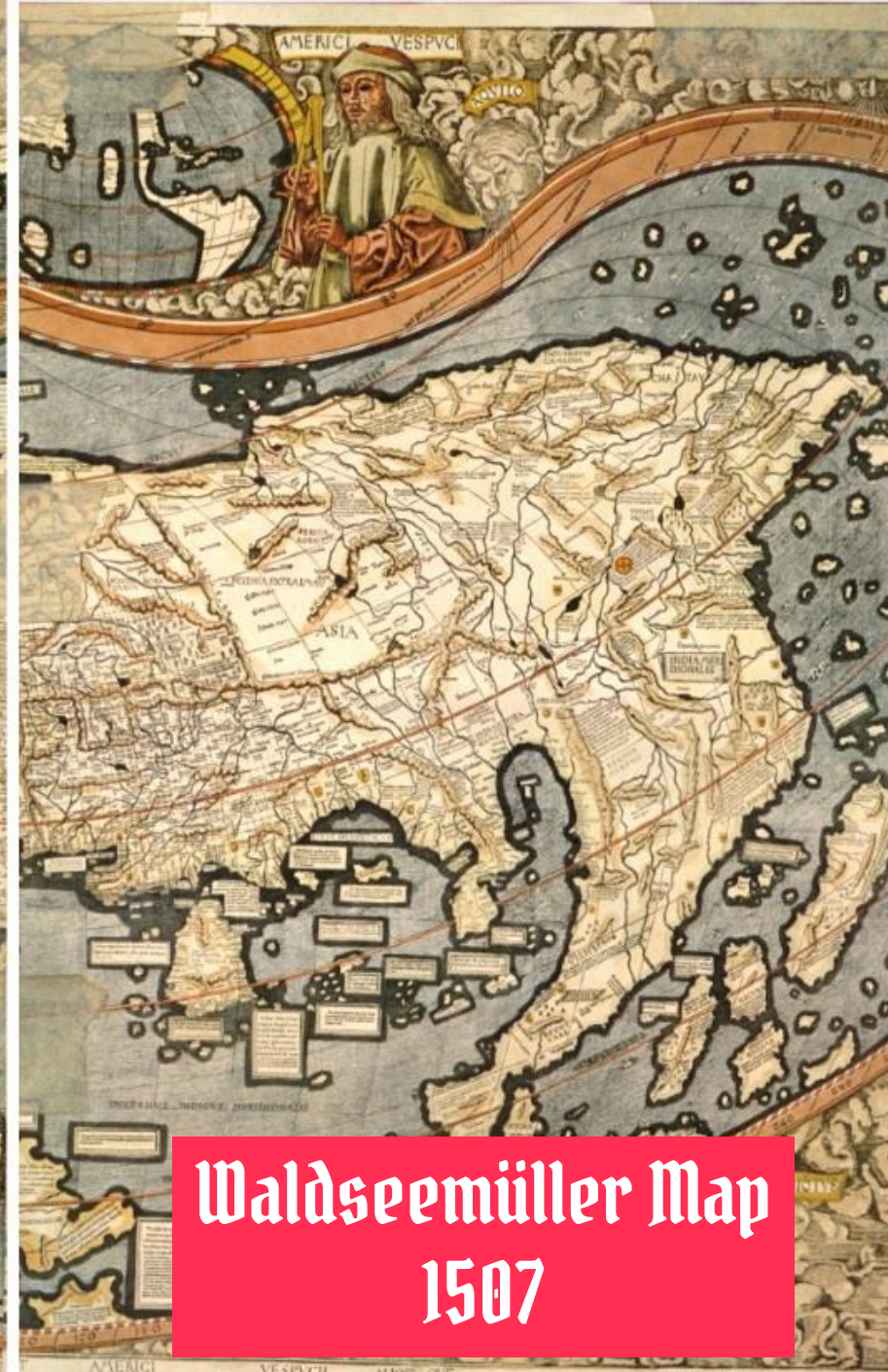
ITALIAN EXPLORER

CARTOGRAPHER

DEMONSTRATED THE  
NEW WORLD WAS NOT  
ASIA BUT A SEPARATE  
LANDMASS

AMERIGO VESPUCCI





Waldseemüller Map  
1507



# COLUMBUS THE FIRST?



# ST. BRENDAN

530s A.D.

IRISH MONK, LEGENDARY VOYAGE  
TO "ISLE OF THE BLESSED"



# LEIV ERIKSSON

## 1002 A.D.

### NORDIC VIKING KNOWN AS THE 1<sup>ST</sup> EUROPEAN TO DISCOVER N. AMERICA

<https://www.history.com/news/the-viking-explorer-who-beat-columbus-to-america>



<https://www.youtube.com/watch?v=2As1noEeA>

TYPVS ORBIS TERRARVM.

SEPTENTRIO.

# COLUMBIAN EXCHANGE

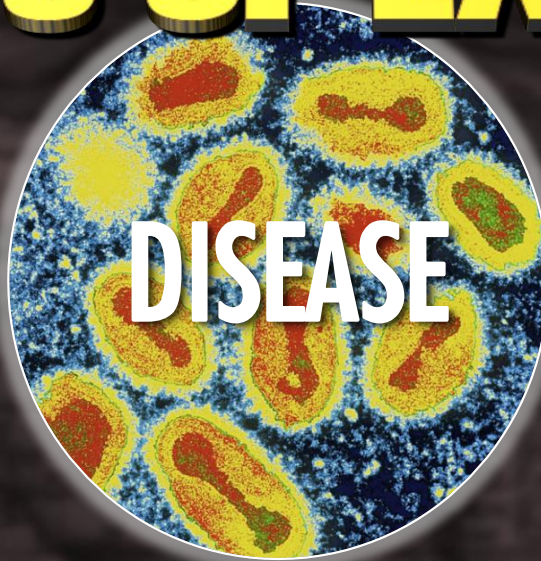
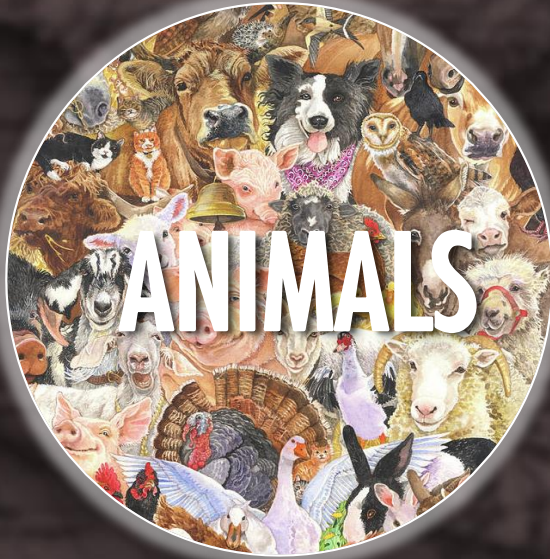
A period of cultural and biological  
interchange between the Eastern  
& Western hemispheres

TERRA AVSTRALIS NONDVM COGNITA.

MERIDIES.


QVID EI POTEST VIDERI MAGNUM IN REBVS HVMANIS, CVI AETERNITAS  
OMNIS. TOTIVSQUE MVNDI NOTA SIT MAGNITVDO. CICERO:

# **IMPACTS OF EXCHANGE**

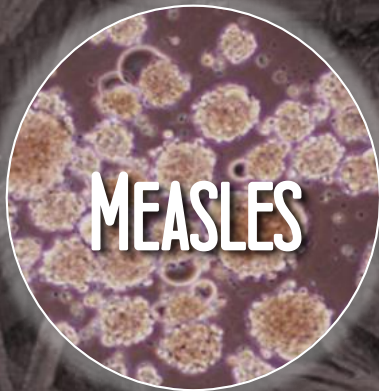
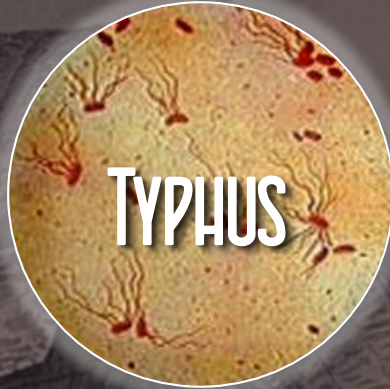


A microscopic image showing several cells with prominent nuclei, stained in shades of yellow, orange, and red, set against a dark blue background. A large, bold, white text overlay reads "DISEASE".

**DISEASE**

A historical illustration in a reddish-brown monochrome style, depicting a Native American village scene. In the foreground, a person lies on a wooden cot. To the left, a woman stands near a seated woman holding a child. In the center, a person stands by a large fire. To the right, a group of people are gathered around a large pot or bowl. The background shows more figures and a simple landscape. The overall scene suggests a community life before or during a period of hardship.

Between 1492 and 1650s  
(160 yrs) 90% of the  
America's Native populations  
died from disease





SMALLPOXS



SYPHILIS

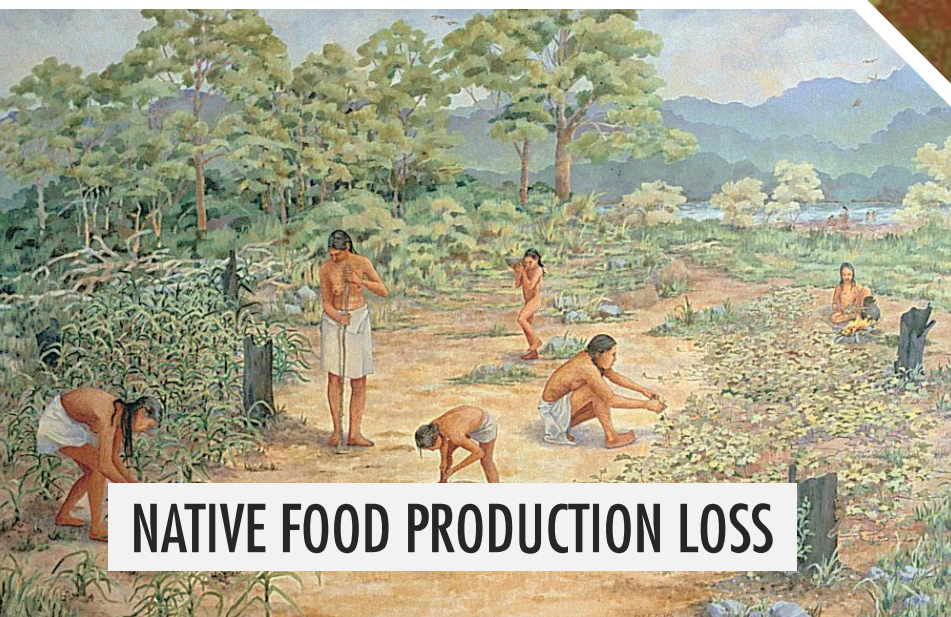


DIPHThERIA



MEASLES

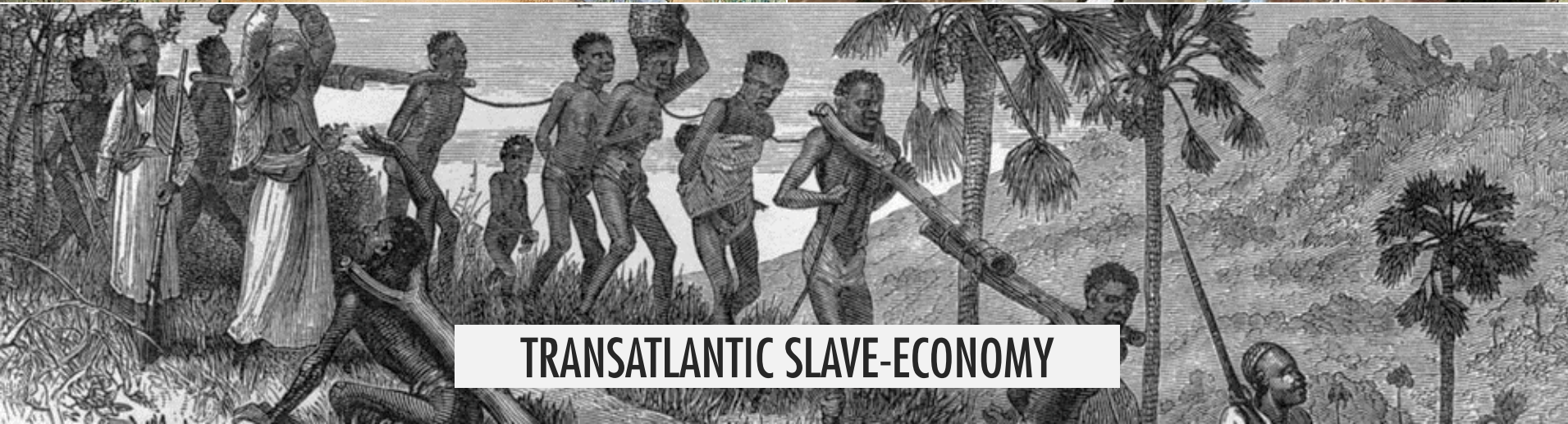
# DISEASE LEADS TO...



**NATIVE FOOD PRODUCTION LOSS**



**NATIVE POLITICAL TURMOIL**



**TRANSATLANTIC SLAVE-ECONOMY**

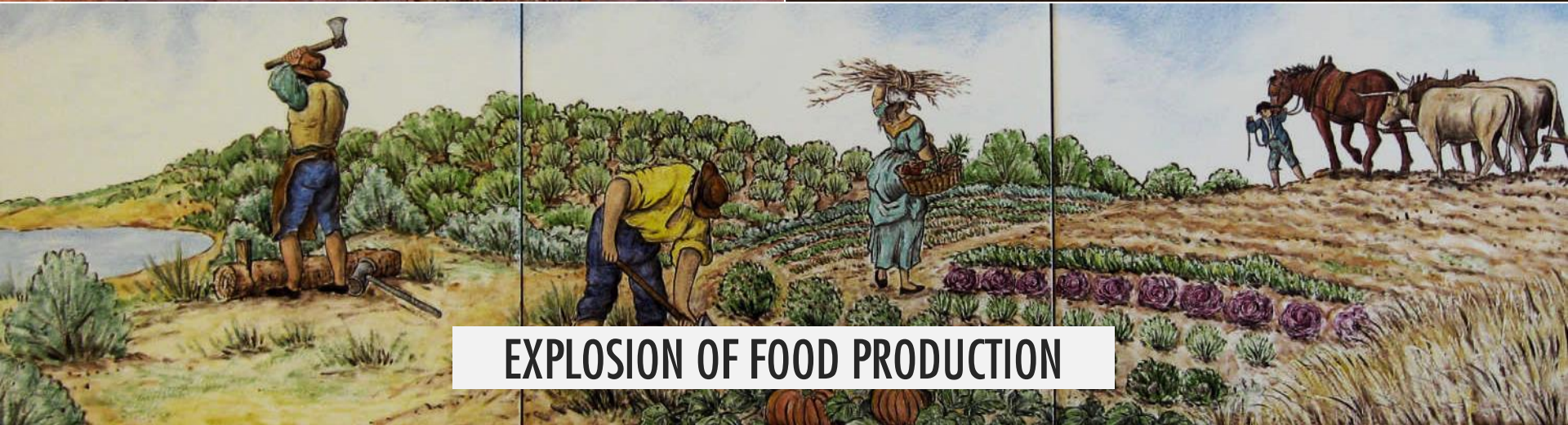
A dense, colorful collage of various farm and domestic animals. The composition is packed with numerous animals, including cows, pigs, chickens, cats, dogs, and birds. The animals are depicted in various poses and expressions, creating a lively and detailed scene. The word "ANIMALS" is overlaid in large, bold, white capital letters across the center of the image.

# ANIMALS



NEW  
&  
OLD

# ANIMALS LEAD TO...





# PLANTS

# NEW & OLD





## BIG ARRIVALS

TO THE AMERICAS

TO EUROPE, AFRICA, AND ASIA

1492

Sugar cane with Columbus

1493

Horses, sheep, cattle, pigs with Columbus

1500

1494

Corn from Hispaniola

1516

Smallpox with Spanish

1520

Chocolate (Cacao) from Mexico

1524

Turkeys from South America

1531

Measles with Spanish

1545

Bubonic plague with Spanish

1550

1555

Tobacco from Caribbean

1573

Potatoes from Peru

1600

1596

Tomatoes from Central America

1622

Honeybee with English

1647

Yellow fever with English

1650

1640s

Quinine from Ecuador

# PLANTS LEAD TO...



**CHANGING WORLD  
EATING HABITS**



**POPULATION EXPLOSIONS  
& MOVEMENTS**

**THANK YOU**  
Columbian Exchange!



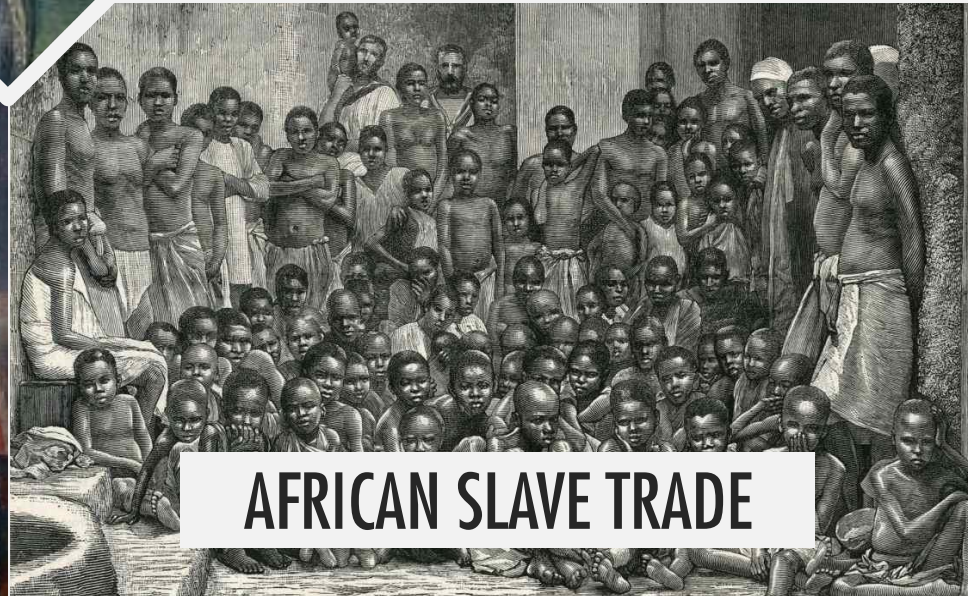
# HUMANS



# HUMANS LEAD TO...



**ETHNIC/RACIAL CHANGES**



**AFRICAN SLAVE TRADE**



**CHANGING LAND USE  
& LABOR SYSTEMS**



## MULATTO & CREOLE ETHNICITIES

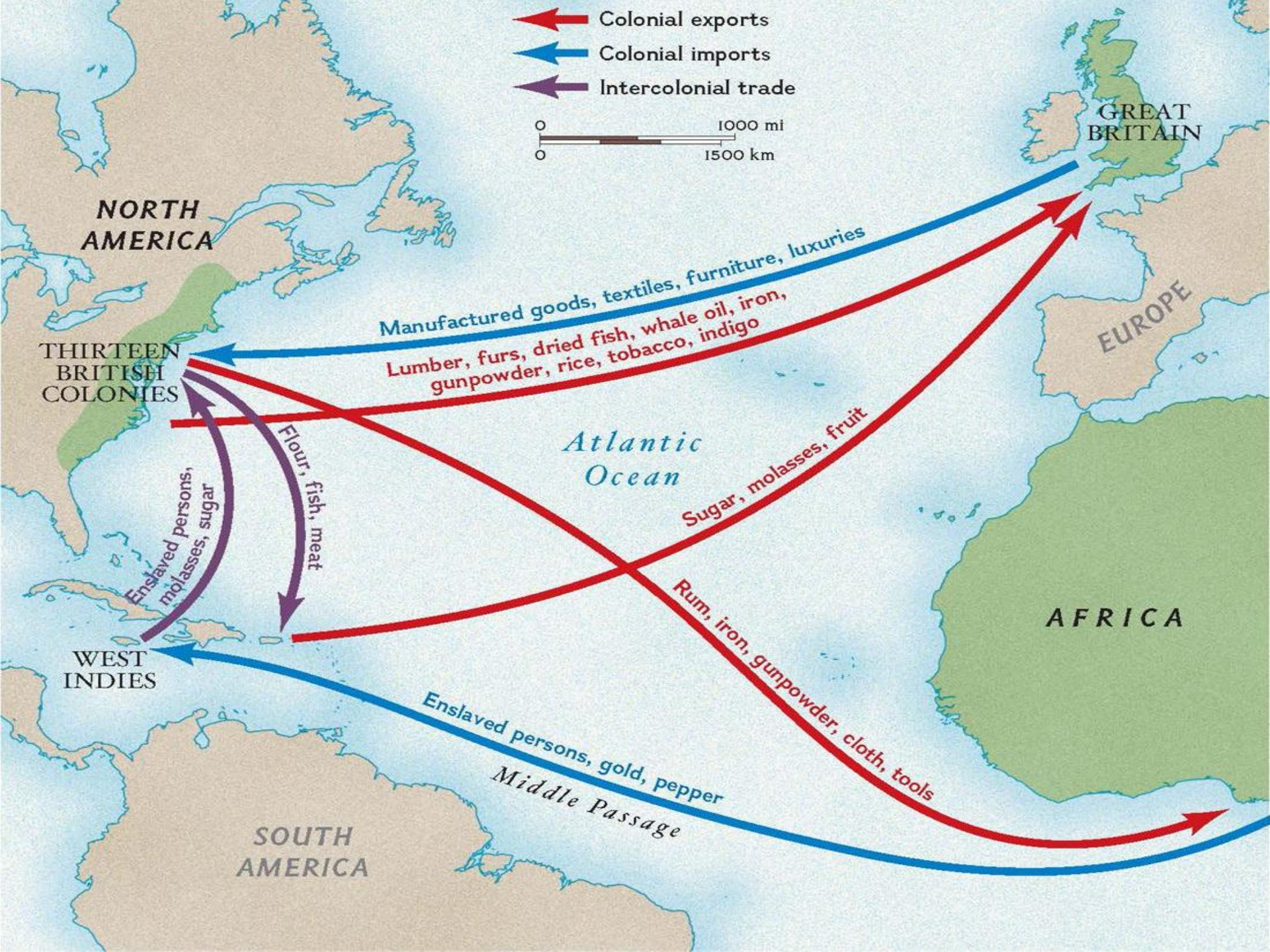


FRENCH & SPANISH + NATIVE & AFRICAN MIX



## MESTIZO ETHNICITY





# TYPVS ORBIS TERRARVM.

SEPTEMBERIO.



QVID EI POTEST VIDERI MAGNUM IN REBVS HVMANIS, CVI AETERNITAS OMNIS. TOTIVSQUE MVNDI NOTA SIT MAGNITVDO. CICERO: