

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Ch. 19+20 – The Renaissance and Reformation Science and Exploration

Chapter 19, Section 1

### The Italian Renaissance

#### Trade with Asia

How did Europe's economy continue to grow after the Black Death? \_\_\_\_\_

Because of \_\_\_\_\_, trade with Europe and Asia grew again.

What were the four main trading centers in northern Italy?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

What were the two important roles that the Italian cities played in trade?

1. \_\_\_\_\_
2. \_\_\_\_\_



Why did Florence become the center for Italian art?

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The 'rebirth' period that followed Europe's Middle Ages was called \_\_\_\_\_

What was being 'reborn'? \_\_\_\_\_

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#### Italian Writers and Artists

A way of thinking and learning that stresses the importance of human abilities and actions is known as \_\_\_\_\_

Where did most of the classical writings and architecture come from?

\_\_\_\_\_ and \_\_\_\_\_



Name the two most famous Italian Renaissance artists and list a few details about them


Chapter 19, Section 2

# The Renaissance beyond Italy

## Advances in Science and Education

Why were renaissance scientists so interested in mathematics? \_\_\_\_\_  
\_\_\_\_\_

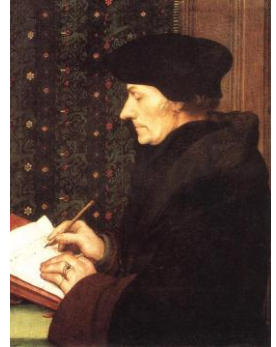
What symbols did they create that are still used today? \_\_\_\_\_

## The Spread of New Ideas

What great invention by \_\_\_\_\_ allowed pages to be copied or printed instead of hand-written? \_\_\_\_\_

What are humanism or humanist ideas? \_\_\_\_\_

What was a blend of humanist and religious ideas called? \_\_\_\_\_



Chapter 19, Section 3

# The Reformation of Christianity

## Reformers Call for Change

Towards the end of the Renaissance some people began complaining about the problems within the Catholic Church, their calls led to the \_\_\_\_\_ or \_\_\_\_\_

What were some of the complaints of the people?

- 1.
- 2.
- 3.

Many people rejected the way the church earned its money. One method was the sale of indulgences...what is that? \_\_\_\_\_



Who was the priest that called for reform in the early 1500s?  
\_\_\_\_\_

What did Martin Luther do about these complaints? \_\_\_\_\_  
\_\_\_\_\_

What was the Pope's response to Luther? \_\_\_\_\_  
\_\_\_\_\_

Luther's ideas eventually led to a split in the church...those who protested against the Roman Catholic Church became known as \_\_\_\_\_

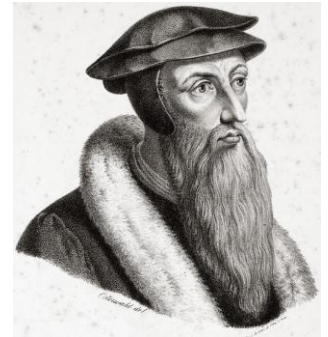
Those people followed Luther's teachings and became known as \_\_\_\_\_

What was the main point of Luther's teachings? \_\_\_\_\_

What did Luther do to the Bible? \_\_\_\_\_

Who was the main figure in reformation in England? \_\_\_\_\_

What did he start? \_\_\_\_\_



### The Catholic Reformation

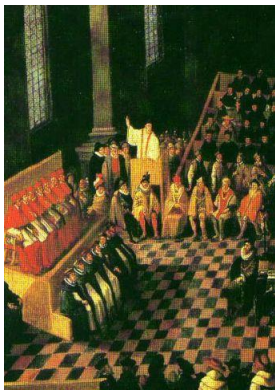
What is the Catholic Reformation? \_\_\_\_\_

What was happening in Spain during this time? Who were they persecuting? \_\_\_\_\_

At the Council of Trent, the Church restated the importance of \_\_\_\_\_

And it also created new rules...such as

- 1.
- 2.



How did Catholic teaching spread around the world? \_\_\_\_\_



### The Political Impact

Most people in Spain were \_\_\_\_\_;

most people in northern Europe were \_\_\_\_\_

\_\_\_\_\_ ; Holy Roman Empire was \_\_\_\_\_

\_\_\_\_\_....all this leads to a division of \_\_\_\_\_

French Protestants were called \_\_\_\_\_

What is the Thirty Years' War? \_\_\_\_\_

What agreement allowed rulers of a country to decide whether their country would be Catholic or Protestant? \_\_\_\_\_

What was an early form of self-government in the American colonies of New England? \_\_\_\_\_

The sharing of power between \_\_\_\_\_ governments and a strong \_\_\_\_\_ government is known as \_\_\_\_\_

# Ch. 20 – Science and Exploration

## Study Guide

Chapter 20, Section 1

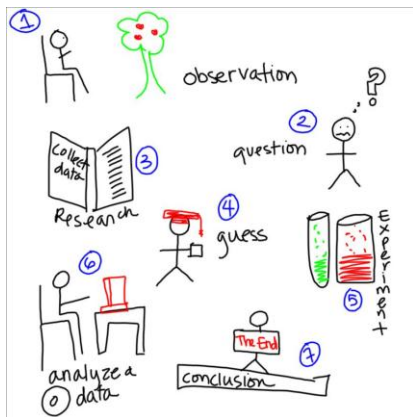
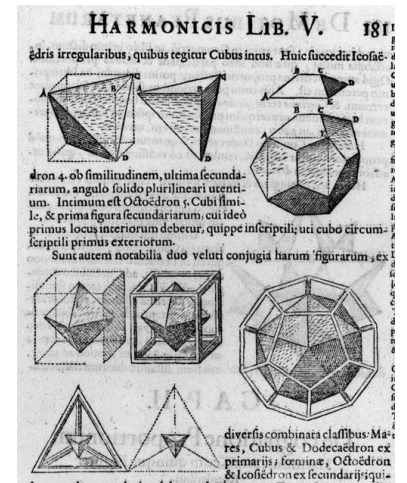
# The Scientific Revolution

### The Birth of Modern Science

What is the Scientific Revolution? \_\_\_\_\_

People started to question \_\_\_\_\_

The explanations scientists develop to explain observed facts are called \_\_\_\_\_



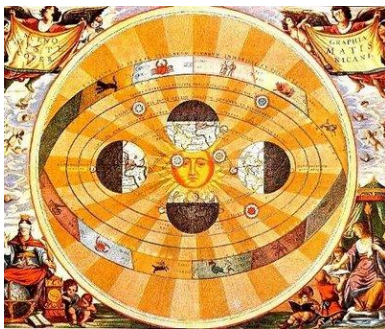
How do scientists test these theories?  
\_\_\_\_\_

The development of \_\_\_\_\_ from the Renaissance also encouraged people to study the natural world around them

The development of \_\_\_\_\_ also helped scientists form experiments during this time

### Discoveries and Inventions

An event took place that made Europeans question the teachings of ancient authority. What was that event? \_\_\_\_\_



What did Copernicus discover about science?  
\_\_\_\_\_

Who discovered that the planets actually moved in elliptical, or oval, orbits? \_\_\_\_\_

He disproved \_\_\_\_\_ theory that the planets moved in circular orbits

What did Galileo do? \_\_\_\_\_

What did Sir Isaac Newton do?  
\_\_\_\_\_

### New Inventions during the Scientific Revolution

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

### Effects on Society

What is the scientific method and who came up with it?  
\_\_\_\_\_



Chapter 20, Section 2  
*Great Voyages of Discovery*

**Desire and Opportunity to Explore**

Name and describe three reasons people from Europe began to explore the world in the 1400s.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**Portuguese and Spanish Explorations**

Who are these people, where are they from, and what did they do? Answer these three questions about each of the following people...

1. Henry the Navigator-
2. Vasco da Gama-
3. Christopher Columbus-
4. Ferdinand Magellan-



To go all the way around the globe is to \_\_\_\_\_

**The English and French in America**



Why did England and France want to find a new route to Asia?  
\_\_\_\_\_

What caused Spain to attack England?  
\_\_\_\_\_

What is the Spanish Armada?  
\_\_\_\_\_

What are some effects of these European explorations?  
\_\_\_\_\_  
\_\_\_\_\_

Chapter 20, Section 3  
*New Systems of Trade*

**Exchanging Plants, Animals, and Ideas**

What is the Columbian Exchange?  
\_\_\_\_\_  
\_\_\_\_\_

What continents were involved in the Columbian Exchange? \_\_\_\_\_

What did Europe take to Americas?

What did Europe take to Africa?

What did Africa take to Americas?

What did Africa take to Europe?

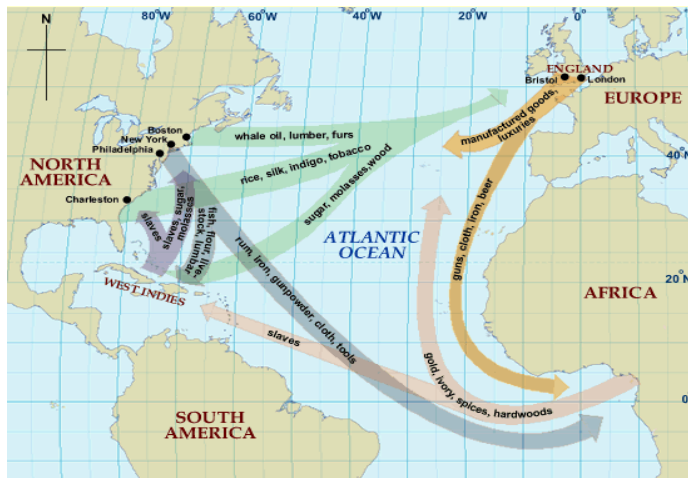
What did Americas take to Europe?

What did Americas take to Africa?

What did West Indies take to North America?

What did North America take to West Indies?

How did slaves get introduced in America? \_\_\_\_\_



## Trade and Economic Power

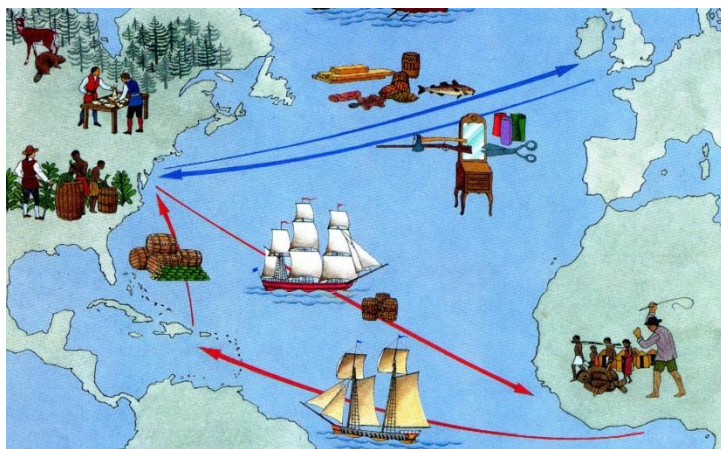
Europeans started setting up colonies where? \_\_\_\_\_

Europeans saw their colonies as a way to \_\_\_\_\_

What is mercantilism? \_\_\_\_\_

Trading between Europe, Africa, and the Americas is known as the \_\_\_\_\_

What was the Atlantic Slave Trade? \_\_\_\_\_



What brought about the need for banks? \_\_\_\_\_

## Market Economies

What caused an increased demand for manufactured goods?

- 1.
- 2.
- 3.

What is capitalism? \_\_\_\_\_

What is a market economy? \_\_\_\_\_