

GLOBAL 10



Chapter 22: Enlightenment and Revolution 1550-1789

Section 1: The Scientific Revolution

Section 2: The Enlightenment in Europe

Section 3: The Enlightenment Spreads

Section 4: The American Revolution

Chapter 22: Enlightenment and Revolution, 1550-1789

Section 1: The Scientific Revolution

geocentric theory _____

Scientific Revolution _____

heliocentric theory _____

Galileo Galilei _____

scientific method _____

Isaac Newton _____



Newton + Law of Gravity

Roots of Modern Science

Scientific Rev. Spreads

BACON + DESCARTES

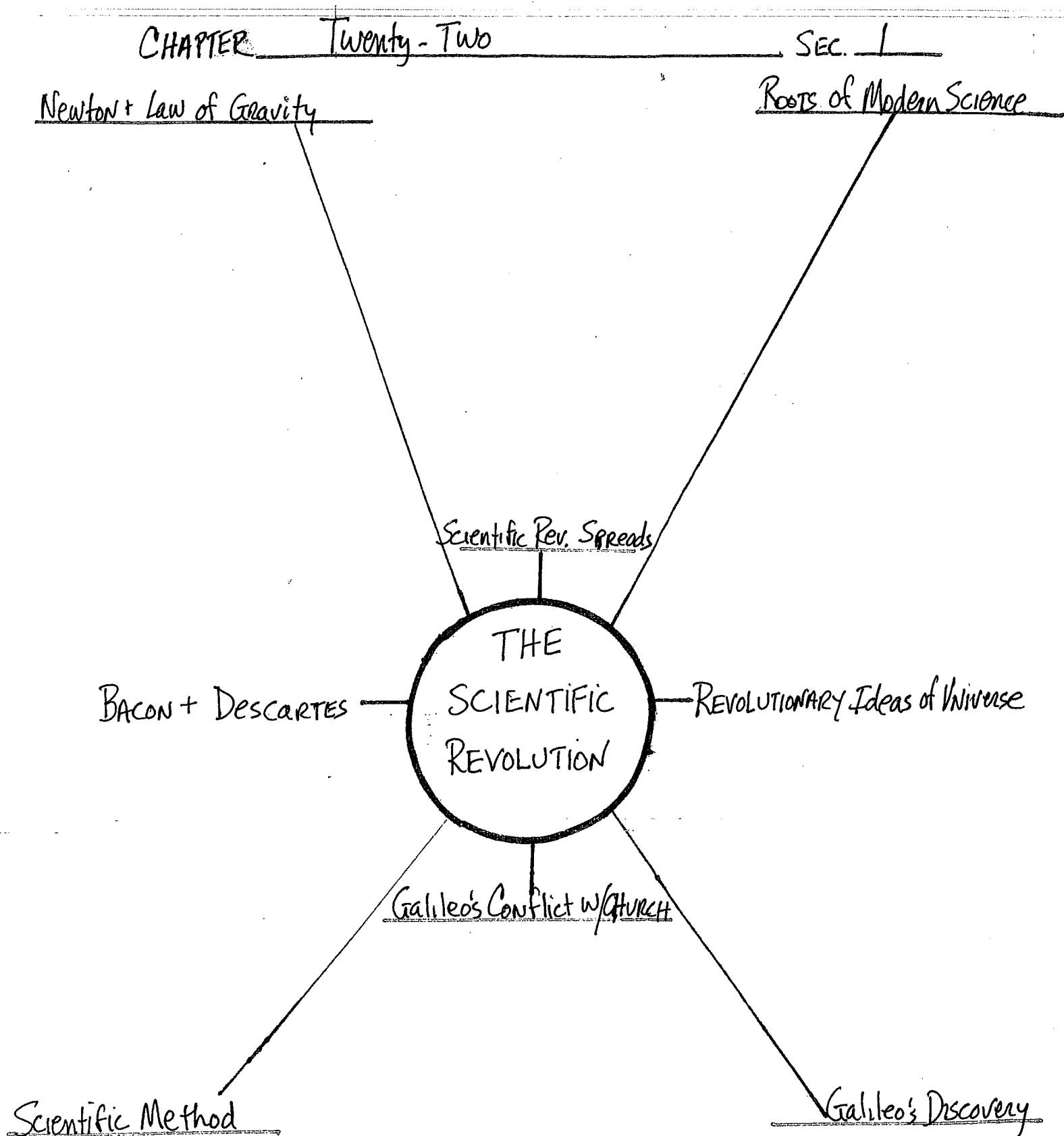
THE
SCIENTIFIC
REVOLUTION

REVOLUTIONARY Ideas of Universe

Galileo's Conflict w/Church

Scientific Method

Galileo's Discovery



Section 2: The Enlightenment in Europe

Enlightenment _____

social contract _____

John Locke _____

philosophe _____

Voltaire _____

Montesquieu _____

Rousseau _____

Mary Wollstonecraft _____



JOHN LOCKE



Women + the Enlightenment

Age of Reason - 2 Views

Legacy

BECCARIA + Criminal Justice

THE
ENLIGHTENMENT
IN
EUROPE

PHILOSOPHERS + REASON

Montesquieu + Separation of Powers

Rousseau: Champion of Freedom

VOLTAIRE Combats Intolerance

Section 3: The Enlightenment Spreads

salon _____

baroque _____

neoclassical _____

enlightened despot _____

Catherine the Great _____

Absolute Monarchies and Enlightened Despots in Europe 1550-1800

- **France: Absolute Monarchs-Louis XIII & Louis XIV**
- **Spain: Absolute Monarchs-Phillip II**
- **England: Absolute Monarchs and Development of a Constitutional Monarchy-Tudors & Stuarts**
- **Austria: Enlightened Despots---Maria Theresa & Joseph II**
- **Prussia: Enlightened Despot- Frederick the Great**
- **Russia: Absolute Monarchs- Ivan the Terrible & Peter the Great**
- **Russia: Enlightened Despot-Catherine the Great**

CHAPTER Twenty-Two

SEC. 3

Catherine the Great

A World of Ideas

Russia Expands

JOSEPH II

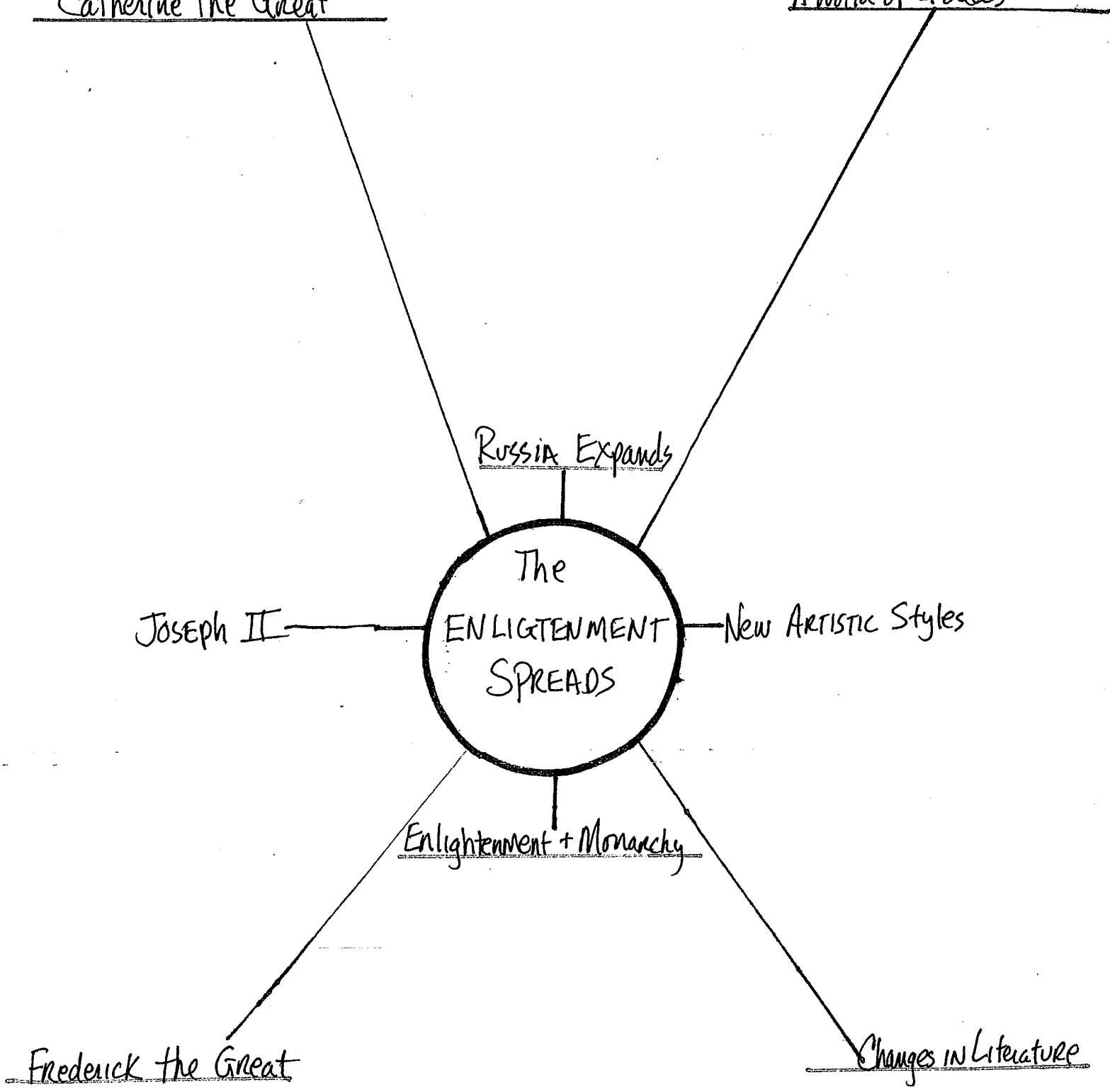
The
ENLIGHTENMENT
SPREADS

New ARTISTIC Styles

Enlightenment + Monarchy

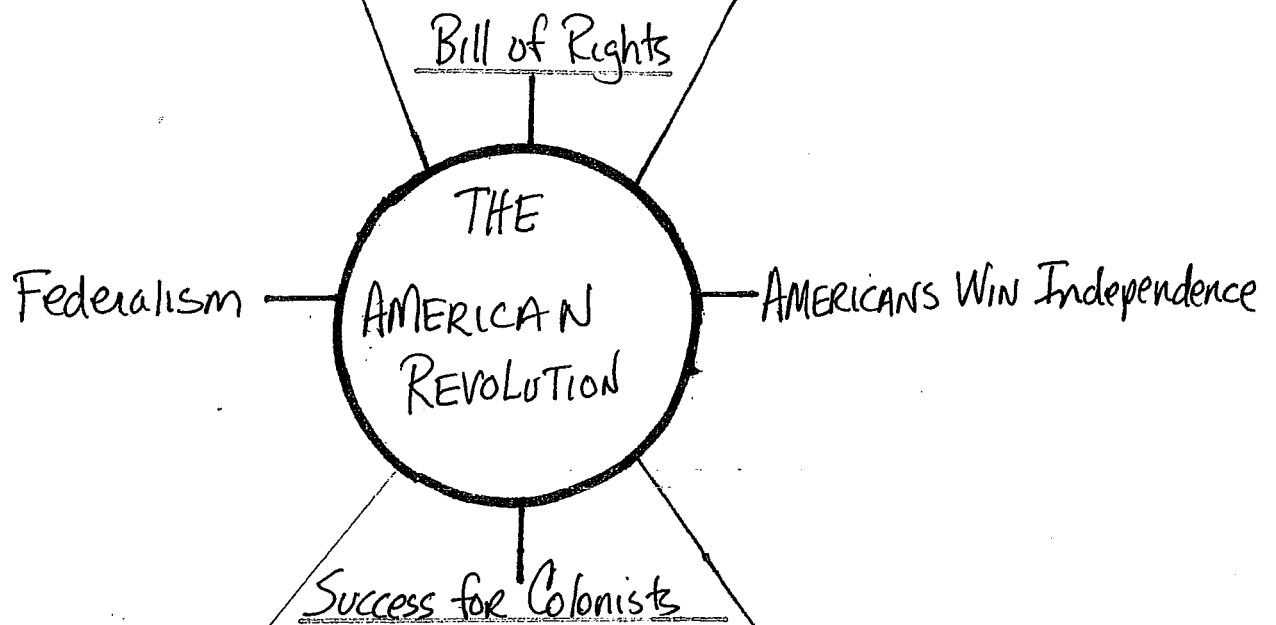
Frederick the Great

Changes in Literature



Enlightenment Influences Govt

BRITAIN + ITS Colonies



Americans Create Republic

Influence of Enlightenment

Glossary**CHAPTER 22 Enlightenment and Revolution**

abuses Improper uses, misuses
astronomy Study of the universe beyond the earth

boycott Organized refusal to buy a certain good or participate in a certain action

hypothesis Attempt to answer a question that needs to be proven or disproven

intellectual Related to thinking or to the mind

law of gravity Idea linking motion in the heavens with motion on the Earth and based on the principle that every object attracts every other object

reformed Changed for the better

repeal Take back a law

serfdom State or condition of using workers as slaves

vaccination Introduction of weakened or killed viruses or bacteria into the body to protect against a specific disease

violated Went against

AFTER YOU READ**Terms and Names**

A. Write the term or name in each blank that best completes the meaning of the paragraph.

Isaac Newton

heliocentric theory

Scientific Revolution

geocentric theory

Galileo Galilei

Many thinkers contributed to the significant changes in scientific thinking known as the **1** _____. In astronomy, Nicolaus Copernicus first developed the idea that the earth revolved around the sun. This became known as the **2** _____. It refuted the earth-centered view of the universe, known as the **3** _____. A great pioneer in science at this time was **4** _____. He described the law of gravity. Another significant figure was **5** _____, who ended up having to recant his theories before a papal court.

B. Write the letter of the name or term next to the description that explains it best.

a. Mary Wollstonecraft

b. John Locke

c. Montesquieu

d. Thomas Jefferson

e. Voltaire

- _____ **1.** Philosopher who said people have natural rights
- _____ **2.** Thinker known for ideas about separation of powers
- _____ **3.** Writer who championed freedom of speech and freedom of religion
- _____ **4.** Writer who championed women's rights
- _____ **5.** Author of the Declaration of Independence

AFTER YOU READ (cont.) **CHAPTER 22** Enlightenment and Revolution

Main Ideas

1. How did European exploration help lead the way to the Scientific Revolution?

2. Who were the philosophes, and what did they believe in?

3. What was one of Montesquieu's key ideas about government?

4. How did the arts change as a result of the Enlightenment?

5. How did the government of the United States reflect Enlightenment ideas?

Thinking Critically

Answer the following questions on a separate sheet of paper.

1. How was the Scientific Revolution related to the Enlightenment?

2. How did monarchs react to Enlightenment ideas?