

**6<sup>th</sup> Grade Science:**

Instruction will be guided from the 6<sup>th</sup> *Grade Science: Level Red* book. The flow of class is usually has the students take notes on day 1 and then a lab/activity to reinforce the material on day 2, for each section. There are 3-4 sections per chapter. At the end of a chapter, students will have 1 review day before that chapter's test. Chapters should be done in less than 2 weeks. Once we finish that book, we will move into *Glencoe: Teen Health Course 1*. In this book, students will be introduced to health and bodily functions.

**Oceans***Students will:*

- State the importance of Earth's Ocean.
- Discuss the Origin of the Ocean's.
- Discuss the composition of seawater.
- Explain how temperature and pressure vary with depth.
- State how wind and Earth's rotation influence surface currents.
- Explain how ocean currents affect weather and climate.
- Describe the causes and effects of density currents.
- Explain how upwelling occurs.
- Describe how wind can form ocean waves.
- Explain the movement of water molecules in a wave.
- Describe how the moon and sun cause Earth's tides.
- List the forces that cause shoreline erosion.
- Describe the characteristics of plankton, nekton, and bottom-dwelling organisms.
- Distinguish among producers, consumers, and decomposers.
- Discuss how energy and nutrients are cycled in the oceans.
- Explain how organisms in the oceans interact in food chains.

**Ecology and Earth's Resources:***Students will:*

- Describe living and nonliving factors in an ecosystem.
- Explain how the parts of an ecosystem interact.
- Explain how ecologists organize living things.
- Describe relationships among living things.
- Explain how organisms get the energy they need.
- Describe how energy flows through an ecosystem.
- Explain how resources are used.
- Describe how resources are classified.
- Explain how people affect the environment.
- Describe Different types of Pollution.
- Describe the problems of solid waste.
- Explain how to reduce, reuse, and recycle resources.

**Teen Health Course 1:**

## 1. Your Health and wellness

## Students will learn:

- a. what influences their health.
- b. how to build healthy skills.
- c. how to make responsible decisions.
- d. how to set healthy goals.

## 2. Mental and Emotional Wellness:

## Students will learn:

- a. About a healthy self-concept.
  - b. How to cope with stress and emotional problems.
3. Physical Activities:  
Students will learn:
- a. About different physical activities and their health.
  - b. About creating personal fitness plans.
  - c. About safety in sports and physical activities.

### 7<sup>th</sup> Grade Science:

Instruction will be guided from the 7<sup>th</sup> *Grade Science: Level green* book. The flow of class is usually has the students take notes on day 1 and then a lab/activity to reinforce the material on day 2, for each section. There are 3-4 sections per chapter. At the end of a chapter, students will have 1 review day before that chapter's test. Chapters should be done in less than 2 weeks. Once we are finished with this book, we are going to use *Glencoe Teen Health: Course 2*. In this book, students will be introduced to health and bodily functions.

### *Plants*

*Students will:*

- Identify characteristics common to all plants.
- Explain which plant adaptations make it possible for plants to survive on land.
- Compare and contrast vascular and non-vascular plants.
- Distinguish between characteristics of seedless non-vascular plants and seedless vascular plants.
- Identify the importance of some vascular and non-vascular plants.
- Identify the characteristics of seed plants.
- Explain the structures and functions of roots, stems, and leaves.
- Describe the main characteristics and importance of gymnosperms and angiosperms.
- Compare similarities and differences between monocots and dicots.

### *Interactions of Living Things and Conserving Resources*

*Students will:*

- Identify biotic and abiotic factors in an ecosystem.
- Describe the different levels of biological organization.
- Explain how ecology and the environment are related.
- Identify the characteristics that describe populations.
- Examine the different types of relationships that occur among populations in a community.
- Determine the habitat and niche of a species in a community.
- Explain the difference between a food chain and a food web.
- Describe how energy flows through ecosystems.
- Examine how materials such as water, carbon, and nitrogen are used repeatedly.
- Compare renewable and nonrenewable resources.
- List uses of fossil fuels.
- Identify alternatives to fossil fuel use.
- Describe types of air pollution.
- Identify causes of water pollution.
- Explain methods that can be used to prevent erosion.
- Recognize ways you can reduce your use of natural resources.
- Explain how you can reuse resources to promote conservation.
- Describe how many materials can be recycled.

1. Understanding Health and Wellness  
Students will learn:
  - a. About their overall total health.
  - b. About skills for building health.
  - c. About different factors that affect their health.
  - d. About different health risks and your behavior.
2. Taking Charge of Your Health  
Students will learn:
  - a. About making responsible decisions.
  - b. How to set and reach their goals.
  - c. About building good character.
3. Personal Safety  
Students will learn:
  - a. How to prevent injury.
  - b. How to stay at safe in home and outdoors.
  - c. What to do in weather emergencies and natural disasters.
  - d. The basics of first aid.
4. The Environment and Your Health  
Students will learn:
  - a. How pollution affects their health.
  - b. How to protect the environment.

### 8<sup>th</sup> Grade Science:

Instruction will be guided from the 8<sup>th</sup> *Grade Science: Level Blue* book. The flow of class is usually has the students take notes on day 1 and then a lab/activity to reinforce the material on day 2, for each section. There are 3-4 sections per chapter. At the end of a chapter, students will have 1 review day before that chapter's test. Chapters should be done in less than 2 weeks. Once we are finished with this book, we are going to use *Glencoe Teen Health: Course 3*. In this book, students will be introduced to health and bodily functions.

### *Electricity*

#### *Students will:*

- Describe how objects can become electrically charged.
- Explain how an electric charge affects other electric charges.
- Distinguish between electric conductors and insulators.
- Describe how electric discharge occurs.
- Relate voltage to the electrical energy carried by an electric current.
- Describe a battery and how it produces an electric current.
- Explain electrical resistance.
- Explain how voltage, current, and resistance are related in an electric current.
- Investigate the difference between series and parallel circuits.
- Determine the electric power used in a circuit.
- Describe how to avoid dangerous electric shock.

### *Magnetism*

#### *Students will:*

- Describe the behavior of Magnets.
- Relate the behavior of magnets to magnetic fields.
- Explain why some materials are magnetic.
- Explain how electricity can produce motion.

- Explain how motion can produce electricity.

#### Teen Health Course 2:

##### 1. Understanding Your Health

Students will learn:

- a. What is health and wellness.
- b. How they change during the teen years.
- c. About taking responsibility for their health.

##### 2. Skills for a Healthy Life

Students will learn:

- a. About making decisions and setting goals.
- b. Building your character.
- c. Developing other health skills.

##### 3. Mental and Emotional Health

Students will learn:

- a. About their mental and emotional health.
- b. How to understand their emotions.
- c. How to manage stress with different coping skills.

##### 4. Mental and Emotional Health

Students will learn:

- a. About mental and emotional disorders.
- b. About suicide prevention.
- c. Different ways to seek help for mental and emotional disorders.

#### **6<sup>th</sup> Grade Social Studies:**

Instruction will be guided from the *World Cultures and Geography: Western Hemisphere and Europe* book. We will examine Europe this quarter. Students will have graphic organizers to fill out as we read through the book and will be assigned homework once the chapter has been read. Students will work on different projects throughout each chapter to gain a deeper understanding of the concepts presented. Once all sections of a chapter are completed, students will take a unit test.

#### *Unit 4: Europe*

*Students will:*

- Learn that Europe too has landforms ranging from mountains to plains. Its climate is influenced by its nearness to the ocean.
- Learn that Ancient Greek and Roman achievements in government, art and architecture, engineering, and law continue to influence Europe and the World Today.
- Learn that Feudalism provided stability after the fall of the Roman Empire. The Renaissance marked a rebirth of creativity in Europe.
- Learn that revolutions in science, politics, and industry transformed Western Europe. After two world wars, European nations found new ways to cooperate.

#### *Chapter 12: Western Europe*

*Student will:*

- Learn that for many centuries, Greece and Italy were collections of small states. Fueled by nationalism, each struggled to gain independence and unite as a nation.
- Learn that like Greece and Italy, Spain and Portugal were ruled by foreigners. After gaining independence, both developed overseas empires to fuel their economies.
- Learn that Over the centuries, France's natural Resources have helped it prosper. Through economic union, Belgium, Luxembourg, and the Netherlands have also prospered.
- Learn that Germany's central location helped it to dominate neighboring lands. Germany and the alpine countries are linked in many ways.

- Learn that the Nordic countries have histories and cultures that are closely intertwined.

*Chapter 13: United Kingdom*

*Students will:*

- Learn how many developments, including the Industrial Revolution and a colonial empire, helped the United Kingdom grow into a major world power.
- Learn about Britain's history as an industrial and colonial power has shaped its culture. Britain's increasingly diverse population continues to enrich its cultural life.
- Learn how the United Kingdom's government is a constitutional monarchy. Its economy is strong and adapts to global change.

*Chapter 14: Eastern Europe*

*Students will:*

- Learn how Poland, Ukraine, and the Baltic states faced many challenges after shaking off Communist rule.
- Understand how after decades of communist rule, Hungary and the Czech Republic made economic and political reforms.
- Learn that in the 1990's, the breakup of Yugoslavia was violent. Ethnic divisions and economic and political issues led to war.

**6<sup>th</sup> Grade Word Skills:**

Instruction will be guided from the *Elements of Literature: Spelling Lessons and Activities* book. Every week, students will have a list of words to work with. Students will be assigned different tasks (thinking critically, proofreading, sorting, etc.) to help practice and understand the words. At the end of each week, students will take a spelling test to see how well they performed on those week's spelling words.

- Holy Week Words w/ Bible Scavenger hunt
- Lesson 31: Prefix in- (im-, il-, ir-)
- Lesson 32: Latin Roots –scrib/-script, -spect-
- Lesson 33: Latin Roots –rupt, -ject-
- Unit 1 Review
- Unit 2 Review
- Unit 3 Review
- Unit 4 Review
- Unit 5 Review
- Unit 6 Review
- Spelling Final

**6<sup>th</sup> Grade Religion**

Instruction will be guided from the 6<sup>th</sup> *Grade Catholic Connections* book. We will use our Bibles to read scripture and pull out stories to help better illustrate what we are learning from the book. Students will also do different projects (posters, skits, good works, etc.) to help bring what we are learning to life. Each Chapter should take about 2 weeks to complete.

*Chapter 13: Jesus Heals*

*Chapter 15: The Resurrection of Jesus*

*Chapter 17: The Holy Spirit*

*Chapter 18: Grace and the Gifts of the Holy Spirit*

*Bible Studies: Revelations*

**6<sup>th</sup> Grade Literature:**

Instruction will be guided from the 6<sup>th</sup> *Grade Elements of Literature Book*. Each story will take a little over 1 week to complete. We will read the story and practice the different reading skills associated with that story. Students will have comprehension questions to answer at the end of each short story.

## History in Literature

- The Dog of Pompeii and Pompeii
  - Litterary Focus: Credible Characters: we believe they are real.
  - Reading Skills: Making Inferences
    - Book Report: History
      - Students find a history book. As they read it, they are to think they are a journalist viewing what is happening in the story. They are to write up a series of newspaper article that reflects the events of the story.
- A Glory Over Everything and All Aboard with Thomas Garrett
  - Litterary Focus: Third-Person Point of View
  - Reading Skills: Following the Sequence
- Zlateh the Goat
  - Literary Focus: Suspense what happens next.
  - Reading Skills: Making Predictions
    - Read before going to camp, it is about Jewish tradition of Hanukkah.

## The Novella

- The Gold Cadillac
  - Literary Focus: What is a Novella
  - Reading Skills: Making and Adjusting Predictions

## Comparing literature

- Stray & The Flood
  - Literary Focus: A Writer's Message
  - Reading Skills and Strategies: Comparing and Contrasting

## Poetry Unit

- Students will read tons of examples of different short poems found in book.
- Students will create and identify what type of poem each one of them wrote.
- Students will find a poem anthology book and pick 2 poems to read from it. They will then need to diagram and critique 4 poems from that anthology.