



Grade 6 English Language



Textbook: Holt Reader: Introductory Course (Holt, Rinehart & Winston)

Course Description

Grade 6 English covers a variety of skills including vocabulary, grammar, reading, and writing. New vocabulary words are introduced to students every week and used in context. Sentence structure and grammatically sound paragraphs are a central focus throughout the year. Students will be able to identify parts of speech, like adverbs, adjectives, and phrases, by the end of the year. Throughout the year, short story reading assignments are given that focus on literary terms. Furthermore, in the course of a year, three novels are read and discussed. By the end of the year, students will be familiar with writing a three-paragraph essay.

Syllabus

1st Quarter

Vocabulary for Achievement Units 1-7

Grammar Workbook & Holt Handbook:

- types of sentences
- identifying subjects
- predicates
- run-ons
- fragments
- action & linking verbs
- conjunctions
- compound sentences
- direct objects
- helping & main verbs

Novel: *Where the Red Fern Grows* (Chapters 1- 4: reading comprehension)

Holt Reader: various short stories

2nd Quarter

Vocabulary for Achievement Units 8-18

Grammar Workbook & Holt Handbook:

- prepositions
- adverbs
- adjectives
- phrases
- combining sentences

Novel: *Where the Red Fern Grows* (Chapters 4-20: reading comprehension)

Holt Reader: various short stories

3rd Quarter

Vocabulary for Achievement Units 19-28

Holt Handbook: pg. 51- 88

Book of student's choice

Holt Reader: various short stories

4th Quarter

Vocabulary for Achievement Units 29 & 30 and review of past units

Holt Handbook: pg. 88-142

Holt Reader: various short stories



Grade 6 Mathematics

Textbook: Holt Mathematics Course 1 (Holt Rinehart & Winston Publishers)

Course Description

Students begin to apply mathematical knowledge and begin to learn problem-solving strategies. This course covers new topics of algebra such as patterns, dealing with numbers as decimals, fractions, fraction operations, percentages, collecting and displaying data, in addition to some geometric relationships.

Objectives

- Involving students in exploring and discovering math concepts.
- Students understand and apply basic and advanced algebra.
- Make logical deductions from given mathematical data.
- Understanding the concept of geometry.
- Prepares the students for advanced thinking of algebraic and geometrical concepts.

Syllabus

1st Quarter

- Whole numbers and patterns
- Introduction to algebra
- Decimals

2nd Quarter

- Number theory and fractions
- Fraction operations
- Collecting and displaying data

3rd Quarter

- Proportional relationships, scales and percentages
- Geometric relationships lines, angles and polygons
- Measurements

4th Quarter

- Area and volume
- Integers, graphs, equations and fraction
- Probability



Grade 6 Science

Textbook: Holt Science (Holt, Rinehart & Winston)

Course Description

Science in Grade 6 will develop an understanding of the scientific process. Students will learn the critical thinking skills and problem solving techniques necessary to become successful students. This course involves an introductory study of life, earth and physical sciences. In addition to building on the foundations of science gained in previous years, this course acts as a stepping-stone for middle school sciences by establishing a diverse and rich knowledge bank that prepares the students for their next level of education. Students will have the opportunity to apply creative and scientific skills to a science fair project.

Objectives

Students will:

1. Identify the words "science" and "scientists", giving examples of both.
2. Learn about scientific thinking and how it applies it to everyday life.
3. Explore the world of living things, by:
 - Reading and understanding about cells
 - Relating cells to the organization of the human body
 - Studying the methods plants use to make their food
 - Linking the importance of plants to humans and other life forms
 - Knowing the different ecosystems of our planet
 - Learning about resources on our planet and how to preserve them
4. Discovering the mysteries of the earth through:
 - Learning about past secrets through the study of fossils
 - Understanding the importance of water to our planet
 - Comparing the different types of water on the planet
 - Understanding the weather by the study of the atmosphere
 - Exploring the layers of the earth
 - Understanding how volcanoes, and earthquakes operate
5. Learning about physics and chemistry through the study of matter:
 - Explaining the word particle
 - Knowing the two types of particles: atoms and molecules
 - Linking atoms to elements and molecules to compounds
 - Understanding that all things are made of matter
 - Reading about the properties of matter
 - Perform experiments that show the different chemical reactions

Syllabus

1st Quarter

Chapter: 12 Atoms and Elements

- Lesson 1: What is Matter Composed Of?
- Lesson 2: What are Elements and Compounds?
- Lesson 3: What are the States of Matter?

2nd Quarter

Chapter 9: The Water Planet

- Lesson 1: What is the Water Cycle?
- Lesson 2: What are the Characteristics of the Ocean?
- Lesson 3: What Lives in the Ocean?

3rd Quarter

Chapter 2: Classifying Living Things

- Lesson 1: How Are Organisms Classified?
- Lesson 2: What Are the Major Groups of Organisms?
- Lesson 3: How Do Scientists Name Organisms?

4th Quarter

Chapter 4: Ecosystems

- Lesson 1: What Are Ecosystems?
- Lesson 2: How Do Organisms Get Their Energy?
- Lesson 3: How Do Organisms Interact?
- Lesson 4: What Are Biomes?

Chapter 5: Resources in Ecosystems

- Lesson 1: What are Natural Resources?
- Lesson 2: How Do Natural Cycles Affect Ecosystems?
- Lesson 3: How Do Humans Affect Ecosystems?



Grade 6 Social Studies

Textbook: Holt World History (Holt, Rinehart & Winston)

Course Description

This course will concentrate initially on geography, covering the study of the earth, the seasons, water, the weather, climate and climate regions, as well as peoples through studying population, economics and culture. In addition, students will study Ancient Civilizations; learning how early man populated the world and moved from a nomadic life to a settled life style. The students will also be learning about the Mesopotamians and the Ancient Egyptians.

Syllabus

1st Semester

1. Locate countries and continents on a map and globe, visually and by using latitude and longitude.
2. Understand the importance of water on earth.
3. Understand why different areas have different climates.
4. Appreciate the nature and importance of natural resources.
5. Relate the study of land to people.
6. Examine the origins of people on earth.
7. Trace the history of early man from prehistoric to the first civilizations.
8. Learn about structures of civilization through looking at Mesopotamia and Ancient Egypt.

2nd Semester

1. Evaluate the importance of being able to control water in the area of the Fertile Crescent.
2. Analyze the role of farming in ancient Mesopotamia.
3. Evaluate how technology changed life in Mesopotamia.
4. Classify the Sumerians according to social classes.
5. Understand and evaluate Hammurabi's influence and the new code of law.
6. Describe the geography of the Nile Valley region.
7. Explain early Egyptian use of plants and animals.
8. Evaluate the impact of the Nile River on life in Ancient Egypt.
9. Examine how pyramid building began and evolved.
10. Evaluate Hatshepsut's unique place in Egyptian history.
11. Understand the importance of King Tutankhamen's discovery.
12. Cleopatra, the last of the Pharaohs'.

Skills

By the end of the year students will be able to

1. Retrieve information from a timeline.
2. Compare a physical map with a political map.
3. Identify various geographical terms, such as delta, Cataract, savanna, etc.
4. Compile information from a variety of sources.
5. Students will be able to present information in a clear and understandable manner.



Grade 6 French

Textbook: Expo I (Heinemann Publishers)
Expo I Cahier d'Exercices

Course Description

This course is designed for beginners in the acquisition of the French language. Through reading, writing and oral practice, students gain skills in pronunciation, basic conversation, fundamental grammar principles, and vocabulary practice. Through informal discussions, students gain knowledge of French culture and civilization.

Objectives

This course will help students communicate in the target language and help them develop an appreciation of a foreign culture. Throughout the course, students will have gained skills in understanding spoken French, reading materials within their vocabulary level, writing grammatically correct sentences and will have acquired sensitivity to the French speaking world. Students will acquire these skills through memorization of dialogues, speaking drills, written assignments, films and slides.

Syllabus

1st Quarter: Module 1: Let's start

Lessons:

- 1- Good morning.
- 2- In my bag.
- 3- How old are you?
- 4- Happy birthday.
- 5- In class.
- 6- Colors.
 - Revision and test
 - Learning more about: France

Grammar

- Using the pronoun “je” and “tu”.
- The indefinite article ‘un’ and ‘une’.
- Using the verb “avoir” to give your age.
- Giving the date.
- Using “le” and “la” the definite article.
- Making adjectives agree with nouns.

2nd Quarter: Module 2: Family and friends

Lessons:

- 1- Brothers and Sisters.
- 2- My family.
- 3- Have you got a pet?
- 4- I present myself.
- 5- Portraits.
 - Revision and test
 - Learning more about: French comic books.

Grammar:

- More practice of verb “avoir”.
- Using the possessive adjective:” Mon, ma, mes”.
- Plurals.
- Understanding singular adjective agreements.
- Understanding plural adjective agreements.

3rd Quarter: Module 3: Home

Lessons:

- 1- Where do you live?
- 2- My home.
- 3- My room.
- 4- The evening.
- 5- What time is it?
 - Revision and test.
 - Learning more about: The French language across the world.

Grammar:

- Using the “je” and “tu” forms of verb “habiter”.
- Using simple prepositions.
- Using the pronoun “on”.
- Using the pronouns “ils, elles”.

4th Quarter: Module 4: We go into city.

Lessons:

- 1- City centre.
- 2- Where is the park?
- 3- Where are you? Where do you go?

4- I like this very much!

5- At the snack bar.

- Revision and test.
- Learning more about: Paris and its monuments.

Grammar:

- Asking questions using “Est-ce qu’il y a ...?”
- Understanding the difference between ‘tu, vous’.
- Using the preposition “à” (to or at)
- More practice of (à la, à l’, au, aux)



Grade 6 Computer Science

Course Description

This course focuses on helping students acquire basic knowledge of the keyboard in order to interact more efficiently with desktop computers, computer terminals, and electronic communication systems. The course is designed to give students a better understanding of word processing, network and Internet, graphics, spreadsheet and multimedia.

Syllabus

1st Quarter

Computer Foundations:

- What is a computer?
- Computer system (hardware, classification and software)
- Understanding input and output devices.
- Understanding how data is processed and stored.
- Using the keyboard, mouse and other input devices.
- Using menus and toolbars.
- Storage devices.
- Opening, closing, printing and saving a file.
- Managing files.
- Computer safety and rules.
- Applying computer knowledge.

2nd Quarter

Creating Documents with a Word Processor:

- What is Word Processing?
- Starting the word processor, exploring the menus and toolbars.
- Selecting text, cutting, copying and pasting.
- Changing the font name and size of text.
- Formatting text and aligning text.
- Inserting clip art.
- Searching for text.
- Creating a bulleted list (bullet, number, letter, etc.).
- Checking spelling and using the thesaurus.
- Printing a document.
- Using help.

Networks and the Internet:

- What is the Internet and networks?
- What is the web? Looking at a web page.
- Searching on the Internet and saving favorites.
- Sending and receiving E-mail and using a password.
- Instant messaging and Safety on the Internet.

3rd Quarter

Creating Graphics:

- What are paint & draw tools.
- Drawing lines and shapes. Using colors (gradient, texture, pattern and picture.)
- Drawing a polygon.
- Adding text.
- Changing the image.
- Printing a drawing.

Working with Presentation Graphics Software:

- What is multimedia?
- Presentation graphics software definitions.
- Opening a presentation and entering text.
- Adding bullets or design to a slide.
- Adding Auto Shape and animation.
- Viewing the slide master and the presentation.
- Using different printing for the presentation

4th Quarter

Working with Spreadsheets:

- What is a spreadsheet?
- Spreadsheet definitions.
- Opening a spreadsheet.
- Moving around a spreadsheet.
- Finding the cell address.
- Entering a formula.
- Copying a formula.
- Formatting cells.
- Creating a pie chart.
- Printing a spreadsheet.