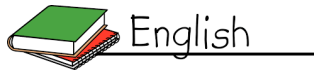


# 7



## Language Arts Syllabus

### Course Description

#### Texts and Resources

Holt Reader Course 1 (Holt, Rinehart & Winston Publishers)

Selected Short Stories (Not limited to)

Amigo Brothers

Rikki-Tikki-Tavi

Seventh Grade

Humm

Ashtenputtel

Yeh-Shen”

Canine to the Rescue

Tuck Everlasting by *Natalie Babbitt*

Vocabulary:

A variety of contextual vocabulary extracted from Literary and informational texts

Grammar: Holt Handbook: Language Sentence Skills Practice: Grammar, Usage, Mechanics  
Sentences First Course

During the course of 7th Grade, students will develop reading skills & strategies to comprehend increasingly complex texts. Students will connect ideas presented in different selections and use evidence to support their evaluation of text. Students will infer, analyze, interpret, summarize and assess fiction & informational text. This will be done through a variety of literary selections from their textbook, for example, The Seventh Grade, Rikki Tikki Tavi, Humm and Amigo Brothers. The themes covered through the 7<sup>th</sup> grade curriculum are acceptance, independence friendship, and growing up. These themes will help students to better understand themselves as well as others around them through classroom discussions and assignments.

Moreover, students will cover a variety of writing styles including persuasive, compare and contrast as well as, descriptive essays. They are provided with extra practice in composition skills, vocabulary and the mechanics of grammar usage to enhance their verbal and written articulation. Students will continue to develop their language conventions and use of vocabulary through continual formative and summative writing assessments. Furthermore, their speaking and listening skills will be developed through a variety of projects and presentations as well as, literature circle discussions and debates.

The Seventh grade English curriculum is designed to develop and enhance the students’ language, writing and analysis skills which will better prepare them for high school.

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## **Materials Required**

A Positive Attitude  
A Willingness to Participate  
Specified Text Books/Workbooks  
Pens and pencils  
Binders, Loose Leaf Paper and Dividers

## **Grading Breakdown**

Quarter Exam 30%  
Quizzes 25%  
Homework and Assignments 15%  
Classwork 20%  
Participation 10%

## **Quarter 1**

Literature: Amigo Brothers, Rikki Tikki Tavi

Grammar: Subjects and Predicates, Parts of Speech

Vocabulary: Carefully selected vocabulary from literature studied

Writing: Descriptive and Personal Narrative

Speaking and listening: Literature Circle discussions

## **Quarter 2**

Literature:

Short Stories:

The Seventh Grade

Humm

Ashtenputtel

Yeh-Shen”

Canine to the Rescue

Grammar: Subject Compliments, Direct and Indirect objects

Vocabulary: Carefully selected vocabulary from literature studied

Writing: Persuasive, Compare and Contrast

Speaking and Listening: Tuck Everlasting Pre reading project

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## **Quarter 3**

Literature: Tuck Everlasting (Part 1)

Grammar: Subject Verb Agreement, Pronoun Antecedent Agreement

Vocabulary: Carefully selected vocabulary from literature studied

Writing: Compare and Contrast

Speaking and Listening: Forced Debates (Related to the novel)

## **Quarter 4**

Literature: Tuck Everlasting (Part 2)

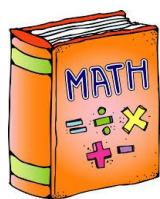
Grammar: Phrases and Clauses

Vocabulary: Carefully selected vocabulary from literature studied

Writing: Argumentative, Expository

Speaking and Listening: Post Reading Project Tuck Everlasting

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## Math Syllabus

### Text book:

Holt Middle School Course 2

### Course description:

This course develops an understanding of symbolic language of mathematics and the sciences. In addition, algebraic skills and concepts are developed and used in wide variety of problem solving situations. It also develops the geometry skills and concepts.

### AREAS OF CONCENTRATION

- Problem solving
- Mathematical vocabulary
- Real world applications of mathematics
- Computation with whole numbers, fractions, decimals, and integers
- Relationships between fractions, decimals, and percents
- Use and application of the Pythagorean Theorem
- Understand bar graphs, line graphs, scatter plots and box and whisker plots
- Use of perimeter, area, surface area, and volume formulas
- Solve multi step algebraic equations
- Probability and statistics
- Graph linear functions and understand the slope of that graph

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## Syllabus

### 1<sup>st</sup> Quarter

#### Chapter 2: **Algebraic Reasoning**

- 2-1 Exponents
- 2-2 Powers of 10 & Scientific notation
- 2-3 Order of operations
- 2-4 Prime Factorizations
- 2-5 Greatest Common Factors
- 2-6 Least Common Multiple
- 2-7 Variables & Expressions
- 2-8 Translate math into words
- 2-9 Combining like terms
- 2-10 Equations & their Solutions
- 2-11 Solving equations by adding or subtracting
- 2-12 Solving equations by multiplying or dividing

#### Chapter 3: **Integers and Rational Numbers**

- 3-1 integers
- 3-2 The Coordinate Plane
- 3-3 Adding Integers
- 3-4 Subtracting integers
- 3-5 Multiplying & dividing integers
- 3-6 Solving Equations containing integers
- 3-7 fractions & decimals
- 3-8 Equivalent fractions
- 3-10 Comparing and ordering rational number

### 2<sup>nd</sup> Quarter

#### Chapter 7: **Geometric Figures**

- 7-1 Points, lines and Planes
- 7-2 Angles
- 7-3 Parallel & Perpendicular Lines
- 7-4 Circles
- 7-5 Polygons
- 7-6 Triangles

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- 7-7 Quadrilaterals
- 7-8 Angles in Polygons
- 7-9 Congruent Figures
- 7-10 Transformations

## Chapter 1: **Collecting, Displaying, and Analyzing Data**

- 1-2 Range, Mean, Median, Mode
- 1-3 Frequency Tables & Stem & Leaf Plots
- 1-4 Bar Graphs and Histograms
- 1-5 Reading and Interpreting Circle Graphs
- 1-8 Scatter Plots

## Chapter 4: **Applying Rational Numbers**

- 4-1 Estimate with decimals
- 4-2 Adding & Subtracting decimals
- 4-3 Multiplying decimals
- 4-4 Dividing decimals by integers

## 3<sup>rd</sup> Quarter

## Chapter 11: **Multi-Step Equations and Inequalities**

- 11-1 Solving two step equations
- 11-2 Solving Multistep Equations
- 11-3 Solving equations with variables on both sides
- 11-5 Solving inequalities by adding and subtracting
- 11-6 Solving inequalities by multiplying or dividing

## Chapter 8: **Measurement: Two-Dimensional Figures**

- 8-3 Perimeter & circumference
- 8-4 Area of Parallelograms
- 8-5 Area of triangles and trapezoids
- 8-6 Area of circles
- 8-7 Powers & Roots
- 8-8 The Pythagorean Theorem

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## 4<sup>th</sup> Quarter

### Chapter 9: **Measurement: Three-Dimensional Figures**

- 9-2 Volume of Prisms & Cylinders
- 9-3 Volume of Pyramids, Cones & spheres

### Chapter 6: **Percents**

- 6-1 Fractions, Decimals & Percents
- 6-3 Percents of a number
- 6-5 Percents of change
- 6-6 Simple Interest

### Chapter 10: Probability

- 10-1 Probability
- 10-2 Experimental Probability
- 10-4 Theoretical Probability

### Other Topics Covered:

- Multiply, divide and simplify rational numbers by using exponents rules
- Explain measures expressed as rates ( Speed)



## Life science Syllabus

### **Textbook:**

Holt Life Science (Holt, Rinehart & Winston)

### **Course Description**

Seventh grade life science is designed to show the integration of various science disciplines, with an emphasis on life science. The students will learn scientific laboratory techniques, as well as how to observe and record data using the scientific method. Relationships between organisms and their environment and human body systems are a focus. In addition to the personal growth in student knowledge, this course is important in preparing students for the next level of education by being the foundation of all biology studies in the future.

### **Syllabus**

#### **First Quarter**

##### Chapter 2: It's Alive!! Or is it?

- Section 1: The Necessities of life
- Section 2: Characteristics of living things

##### Chapter 3: Cells: The Basic Units of life

- Section 1: The Diversity of cells
- Section 2: Eukaryotic Cells
- Section 3: The Organization of living things

##### Chapter 22: Body Organization and structure

- Section 1: Body Organization
- Section 2: The Skeletal System
- Section 3: The Muscular system

#### **Second Quarter**

##### Chapter 22: Body Organization and structure

- Section 4: The Integumentary System

##### Chapter 23: Circulation and Respiration

- Section 1: The Cardiovascular system
- Section 2: Blood
- Section 4 : The Respiratory system

##### Chapter 24: The Digestive and Urinary Systems

- Section 1: The Digestive System
- Section 2: The Urinary system



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## Chapter 25: Communication and Control

- Section 1: The Nervous system
- Section 2: Responding to the Environment

## **Third Quarter**

### Chapter 5: Heredity

- Section 1: Mendel and his Peas
- Section 2: Traits and Inheritance
- Section 3: Meiosis

### Chapter 6: Genes and DNA

- Section 1: What does DNA look like?
- Section 2: How DNA works

## **Fourth Quarter**

### Chapter 9: Classification

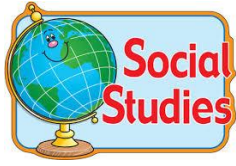
- Section 1: Sorting it all out
- Section 2: The six kingdoms

### Chapter 10: Bacteria and Viruses

- Section 1: Bacteria
- Section 2: Bacteria's role in the world
- Section 3: Viruses

### Chapter 11: Protists and Fungi

- Section 1: Protists
- Section 3: Fungi



## Social Studies Syllabus

### **Course Description:**

Students will study India and China, past and present. The course will start with the geography of Asia and continue with Ancient Civilizations, starting with the Harappans. The students will then learn about Ancient India and the Mauryan and Gupta Empires of India. They will also learn about Brahmanism, Hinduism, Jainism, Confucianism and Buddhism. They will then study India today to be able to compare Ancient India vs. Modern India. The students will learn about the Ancient Chinese civilizations, concluding with China today.

**Textbooks:** Eastern World, Holt, Rinehart and Winston

### **Quarter 1**

#### ***Unit 4: South and East Asia and the Pacific***

#### **Chapter 19; History of Ancient India**

**Section 1:** Early Indian Civilization

**Section 2:** Origins of Hinduism

**Section 3:** Origins of Buddhism

### **Quarter 2**

#### **Chapter 19; History of Ancient India**

**Section 4:** Indian Empires

**Section 5:** Indian Achievements

#### **Chapter 21: The Indian Subcontinent**

**Section 1:** Physical Geography

**Section 2:** History and Culture of India

**Section 3:** India Today

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## Quarter 3

### *Unit 4: South and East Asia and the Pacific*

#### Chapter 20: History of Ancient China

**Section 1:** Early China

**Section 2:** The Han Dynasty

**Section 3:** The Sui, Tang and Song Dynasties

## Quarter 4

#### Chapter 20: History of Ancient China

**Section 4:** Confucianism and Government

**Section 5:** The Yuan and Ming Dynasties

#### Chapter 22: China, Mongolia and Taiwan

**Section 1:** Physical Geography

**Section 2:** History and Culture of China

**Section 3:** China Today

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## French

### French syllabus

The students in grade 7 will learn 4 modules from the book "Expo2" i.e. one module per quarter.

#### **First quarter:      Module 1: Family and place of residence**

##### Lessons:

- 1- Hallo.
- 2- My family album.
- 3- To work.
- 4- Where do they live?
- 5- What is the weather?
  - Revision and test
  - Learning more about: Finding a French pen pal.

##### **Grammar:**

- Using the pronoun "je" and "tu".
- Using the pronoun "il, elle".
- Masculine and feminine nouns.
- Using "depuis".
- Using the pronoun "on".

#### **Second quarter:      Module 2: Free time**

##### Lessons:

- 1-The week end.
- 2- What sports you do?
- 3- What you do with your friends?
- 4-The television.
- 5- The last week end.
  - Revision and test
  - Learning more about: French TV programs and Christmas.

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## Grammar:

- Using “j’aime” + the infinitive.
- Using “je joue, je fais”.
- Using the pronoun “nous”.
- The perfect tense with verb: “regarder”.
- The perfect tense with more –er verbs.

## Third quarter:                      **Module 3: Out going**

### Lessons:

- 1- Do you want to go out?
- 2- Sorry, but...
- 3- The clothes.
- 4- To go shopping.
- 5- In town.
  - Revision and test.
  - Learning more about: Clothes survey.

## Grammar:

- Using the verb “vouloir”.
- Using verbs “pouvoir, devoir”.
- Adjectival agreement.
- Using comparative adjectives.
- Using verb “aller” in the perfect tense.

## Fourth quarter:                      **Module 4: To eat and to drink.**

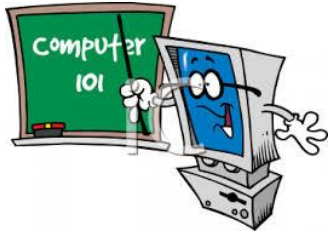
### Lessons:

- 1- Good appetite!
- 2- Meals.
- 3- Preparing for a party.
- 4- Buying provisions.
- 5- In the restaurant.
  - Revision and test.
  - Learning more about: What people eat and French regional specialties.

## Grammar:

- Using the definite article after verb “aimer”.
- Using “du, de la, de l’, des”.
- Using ‘ il faut’ + the infinitive.
- Using ‘de’ with quantities.

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## Computer Syllabus

### Course Description:

The course is designed to give students a basic understanding of word processing. Learn to create, save, edit and print documents, and perform other basic word processing functions. Topics include how to handle blocks of text, formatting features, and spell checking. Topics include using search and replace, headers and footers, page numbers, styles, outlining, templates and wizards. This course will include columns, tables, macros, and graphics. Students will also learn how to manage multiple documents, mail merge, and clip art.

### Syllabus:

#### Quarter 1:

##### ***Working with Documents:***

- Getting started with word.
- Creating, saving, and closing documents.
- Opening and viewing existing documents and deciding which view to use when and use it.

##### ***Editing and Proofreading Documents:***

- Editing a document and using text entry shortcuts.
- Finding the best word and using an outline to rearrange paragraphs.
- Finding and replacing text. Checking spelling and grammar. Translate (From/To) using different languages.

#### Quarter 2:

##### ***Changing the Appearance of Text:***

- Changing the look of characters.
- Changing the look of paragraphs.
- Creating and modifying lists.
- Formatting text as you type.
- Changing the look of characters and paragraphs with styles.

##### ***Arranging and Printing Documents:***

- Control a document's design with a template.
- Changing a document's background.
- Changing a document's theme.
- Previewing and printing a document.

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- Controlling what appears on each page.

## **Quarter 3:**

### ***Presenting Information in Tables and Columns:***

- Presenting information in a table.
- Formatting table information.
- Working with table data.
- Presenting text in columns.

### ***Working with Graphics:***

- Creating a diagram.
- Inserting and modifying a picture.
- Aligning a picture with the surrounding text.
- Creating WordArt.
- Drawing and modifying a shape.

### ***Working with Charts:***

- Inserting a chart.
- Modifying the appearance of a chart.
- Importing data into a chart.

### ***Collaborating with Others:***

- Tracking and managing document changes.
- Adding and reviewing comments.
- Protecting a document with a password.
- Preventing editing or formatting changes.
- Using E-mail to send a document for review.
- Comparing and merging documents.

## **Quarter 4:**

### ***Creating Documents for the Web:***

- Creating and modifying a web document.
- Adding hyperlinks.
- Creating an XML document.

### ***Creating Forms:***

- Setting up a form.
- Modifying and protecting a form.
- Using a form.

### ***Creating Form Letters and Labels:***

- Understanding mail merge.
- Preparing the variable data.
- Preparing the form letter.
- Merging the data with the form letter.
- Creating and printing labels.

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## ***Making Information in Longer Documents Accessible:***

- Managing master documents and subdocuments.
- Adding bookmarks and cross-references.
- Creating and modifying a table of contents.
- Creating and modifying an index.
- Summarizing a document.



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## Art Syllabus

Quarter 1	Handcraft foam
Quarter 2	Coloring with rolling paper
Quarter 3	Drawing (portraits)
Quarter 4	Collage (animals)