

# Seventh Grade Course of Study

*\*\*This is a list of all textbooks on the 7<sup>th</sup> grade grid for all areas\*\**

## *Language Arts*

California Collections by Houghton Mifflin Harcourt

Close Reader

Performance Assessment

English by Houghton Mifflin

English Workbook Plus

Grammar Assessment Packet

## *Mathematics*

Big Ideas Course 2 by Big Ideas Learning

Worked Out Solutions Manual

Performance Task Packet

## *Science*

Amplify- 7<sup>th</sup> Grade

Online Access

## *History*

Seventh Grade- World History Studies Weekly- Civilizations

Consumable Periodical Handouts

Online Access

Teachers Resource Book and or Grade Level Studies Weekly History

Worksheets and Assessments.

Maps, Charts, Graphs by Modern Curriculum Press

## **INTRODUCTION**

7<sup>th</sup> grade students will be sharpening their knowledge of math concepts this year, as well as deepening their understanding of literary elements and strengthening their writing skills in Language Arts. Social Studies will be focusing on medieval and early modern times, and Science will concentrate on life science, where students will cover everything from cells to communication.

# **CURRICULUM**

## **READING**

The reading is centered around the California Collections anthology by Houghton Mifflin Harcourt. Students will work out of the textbook as well as the Close Reader. There are many weeks that students will work out of both. Please refer to the Collections Language Arts Instruction: 5 Day Lesson Plan in the grid. They will read from a variety of sources, novel excerpts, informational texts, articles, and blogs just to name a few. Assessments or analytical activities are available for each selection to promote comprehension and higher order thinking. Teachers' editions are available for the parents, not only to correct assignments, but also to assist with direct instruction. In addition, you can visit [www.my.hrw.com](http://www.my.hrw.com) for parent and student online resources. Please contact your resource teacher for access codes.

The Close Reader is designed for students to read and respond to the selection; students are strongly encouraged to write, underline, and/or highlight their responses in the consumable. This type of reading fosters deeper understanding of the selection and helps students prepare for the kind of assignments that will be required in high school.

## **WRITING**

Short writing assignments are included for almost every week. These are from the California Collections textbook and correspond with the story being read. There are also four larger writing activities assigned throughout the year from the Performance Assessment Book. Students will be expected to read and compare different types of texts, then write the assigned essay. Students and parents should initially work together on these assignments to help students gain confidence in their writing.

## **ENGLISH**

This book is an in depth study of the grammar skills necessary for reading and writing success. It reviews all of the elements of grammar. The exercises reinforce the learned skills; Workbook Plus pages are included to reinforce grammar skills as needed.

## **ADDITIONAL READING**

In addition to the textbook, we suggest including daily reading with your student's work. We have a selection of titles that may correspond with Social Studies or Science concepts your student is studying, but students are free to choose their own books of interest.

## **KEYBOARDING**

As our society is becoming more and more centered on technology, keyboarding is becoming an important skill for all students to master. We have included speed and accuracy goals for students. Ideally, students should feel comfortable enough on the computer to complete many of their assignments by the time they reach jr. high.

## **MATHEMATICS**

Our school-wide recommended curriculum for math is Big Ideas Course 2, a curriculum that is closely correlated to the State Standards. This standards-based course will continue to build on your student's math foundation to prepare your student for Algebra 1 in high school. Online resources are available at [www.bigideasmath.com](http://www.bigideasmath.com) for students and parents. Access codes can be obtained from your resource teacher. Parents should spend ample time on instruction and check for understanding prior to students' independent practice.

### **Mathematical Practices**

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.

8. Look for and express regularity in repeated reasoning.

### **Course Domains and Objectives**

#### Ratios and Proportional Relationships

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

#### The Number System

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

#### Expressions and Equations

- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

#### Geometry

- Draw, construct, and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

#### Statistics and Probability

- Use random sampling to draw inferences about a population.
- Draw informal comparative references about two populations.
- Investigate chance processes and develop, use, and evaluate probability models.

## **SCIENCE**

Amplify 7<sup>th</sup> Grade Science Amplify Science is a curriculum that blends hands-on investigations, literacy-rich activities, and interactive digital tools to empower students to think, read, write, and argue like real scientists and engineers.

## **SOCIAL STUDIES**

7<sup>th</sup> Grade Studies Weekly- California Studies Weekly- **Studies Weekly** is a standards based consumable curriculum for teaching K-6 Social Studies in printed periodicals and online so your students can learn anywhere, anytime.

\*Plan ahead in using the activities you want to emphasize with your child, as well as the pace. Also, remember that our community is full of real-life examples of Social Studies, and it would be excellent if you could bring some of those resources and experiences into your child's learning of the concepts (e.g., go to the Veteran's Day Parade downtown when you are teaching your child about that holiday, or when you are learning about money, arrange a tour of a bank). Remember that there is a lot more to teaching Social Studies (and all subjects) than just completing a worksheet. The quality of the lessons is up to you!

**Social Studies Text**- Each grade level comes with weekly printed periodicals. It is a hands-on curriculum where they can highlight, take notes and complete learning strategies right on the publication. They also can cut up and incorporate their publications into multiple assignments and activities

**Online Support**: Online support includes the student text, Teacher Resources, interactive activities, assessments, and printable worksheets. Every student has access to their robust online platform, where they delve deeper into history through 100K+ primary source images and videos. Students can also access their audio reader, highlighting tools and rewards system.

Maps, Charts, Graphs. This is a great review of geography, map skills, and reading graphs.

## **ART**

While Art is an enrichment subject, it is always a favorite of students. Art ideas are scattered throughout the reading and history anthologies and give both art appreciation lessons as well as creative projects. We do have a collection of seasonal projects if you would like additional activities and numerous books on artists and art appreciation in our library and MESH drawers.

## **ENRICHMENT**

You will want to take advantage of the many field trips that are offered throughout the school year. Trips are planned regularly so watch your newsletter for any excursion that you feel will be appropriate for your child or that peaks your interest.

## **MULTIMEDIA**

Be sure to ask your resource teacher about videos, tapes, CD's and software that may be applicable to your course of study. There is online support for both the Language Arts and Math curriculums; be sure to ask your resource teacher for access codes. In addition, there are numerous websites that offer educational challenges for your child.

### Language Arts

Houghton Mifflin Journeys

[www.k6.thinkcentral.com](http://www.k6.thinkcentral.com)

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### Math

McGraw-Hill My Math

[www.connected.mcgraw-hill.com](http://www.connected.mcgraw-hill.com)

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### Science

Studies Weekly

<https://www.studiesweekly.com/>

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### History

Studies Weekly

<https://www.studiesweekly.com/>

