

## Grade 5 HMH Into Reading Syllabus Overview

Modules include Essential Question, Reading Focus, Decoding, Foundational Skills, Language Conventions, and Major TEKS.

| Module                  | Essential Question                    | Major Reading Focus                                       | Decoding                                                 | Foundational Skills                                         | Language Conventions                                                            | Major TEKS                                                                 |
|-------------------------|---------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 – Grow as a Learner   | How do we grow through learning?      | Literary/informational texts; theme, inference, summarize | Decode multisyllabic words; roots; prefixes/suffixes     | Academic vocabulary; context clues; roots; affixes; fluency | Subjects/predicates; sentence types; fragments/run-ons; capitalization; editing | 5.1A-E, 5.2A-B, 5.6A-F, 5.7A-C, 5.8A-D, 5.9A-D, 5.11D-F, 5.12A-D, 5.13A-D  |
| 2 – Animal Adaptations  | How do animals survive?               | Informational/science texts                               | Greek combining forms; scientific vocabulary; morphology | Domain vocabulary; roots; multiple-meaning words; fluency   | Compound/complex sentences; subject-verb agreement; commas                      | 5.1A-E, 5.2A-B, 5.6A-F, 5.7A-C, 5.9A-D, 5.10A-B, 5.11D-F, 5.12A-D, 5.13A-D |
| 3 – Making a Difference | How can one person make a difference? | Biographies & historical fiction                          | Latin roots; affixes; structural analysis                | Vocabulary strategies; figurative language; fluency         | Verb tenses; confused words; quotation marks                                    | 5.2A-B, 5.6A-F, 5.8A-D, 5.9A-D, 5.10A-B, 5.11A-F, 5.12A-D, 5.13A-D         |
| 4 – America's Stories   | What stories shape our nation?        | Historical fiction, drama, poetry                         | Multiple affixes; word origins                           | Academic vocabulary; figurative language; fluency           | Pronouns; possessives; contractions; apostrophes; commas                        | 5.2A-B, 5.6A-F, 5.7A-C, 5.8A-D, 5.9A-D, 5.11A-F, 5.12A-D                   |

|                               |                                 |                                   |                                              |                                     |                                                 |                                                                            |
|-------------------------------|---------------------------------|-----------------------------------|----------------------------------------------|-------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------|
| 5 – Nature's Wonders          | Why is nature important?        | Science texts & poetry            | Science vocabulary; roots; affixes           | Context clues; vocabulary; fluency  | Adjectives/adverbs; prepositions; commas        | 5.2A-B, 5.6A-F, 5.7A-C, 5.8A-D, 5.9A-D, 5.10A-B, 5.11A-F, 5.12A-D          |
| 6 – Inventors and Innovations | How do inventions change lives? | Informational texts & biographies | Technical vocabulary; morphology             | Academic vocabulary; roots; fluency | Clauses; relative pronouns; transitions; colons | 5.2A-B, 5.6A-F, 5.7A-C, 5.9A-D, 5.10A-B, 5.11A-F, 5.12A-D, 5.13A-D         |
| 7 – Looking to the Future     | How do people shape tomorrow?   | Science fiction & argument        | Independent decoding; morphology; references | Vocabulary review; affixes; fluency | Editing/revising; sentence variety; word choice | 5.2A-B, 5.6A-F, 5.7A-C, 5.8A-D, 5.9A-D, 5.10A-B, 5.11A-F, 5.12A-D, 5.13A-D |

### Grade 5 Decoding Skills (Spiraled Throughout the Year)

- Decode increasingly complex multisyllabic words.
- Apply Greek and Latin roots, prefixes, suffixes, and base words.
- Read grade-level academic and domain-specific vocabulary accurately.
- Use morphology and structural analysis to determine meaning.
- Use print and digital references to confirm pronunciation and meaning.
- Read with accuracy, appropriate rate, and expression.

## 5th Math

| Six Weeks     | Units & Topics                                                                                                             | Focus / TEKS Connection                                                                                                                                                                                                        |
|---------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1st Six Weeks | <b>Unit 01:</b> Extending Whole Number Operations<br><br><b>Unit 02:</b> Algebraic Reasoning                               | Students build fluency with multi-digit whole number operations and develop algebraic thinking by identifying patterns, writing expressions, and solving problems involving variables. <b>TEKS:</b> 5.2A–F, 5.4A–H             |
| 2nd Six Weeks | <b>Unit 03:</b> Financial Literacy<br><br><b>Unit 04:</b> Extending Decimals                                               | Students apply financial literacy skills including budgeting, saving, and spending while extending their understanding of decimal place value, comparing, rounding, and operations with decimals. <b>TEKS:</b> 5.3A–B, 5.10A–E |
| 3rd Six Weeks | <b>Unit 05:</b> Decimal Multiplication and Division<br><br><b>Unit 06:</b> Addition and Subtraction of Fractions           | Students solve real-world problems involving multiplication and division of decimals while building fluency adding and subtracting fractions with common denominators. <b>TEKS:</b> 5.3C–K                                     |
| 4th Six Weeks | <b>Unit 07:</b> Multiplication and Division of Whole Numbers by a Fraction<br><br><b>Unit 08:</b> Geometry and Measurement | Students multiply and divide whole numbers and fractions, classify two-dimensional figures, and solve problems involving perimeter, area, and volume. <b>TEKS:</b> 5.3L, 5.4H, 5.5A–B, 5.6A–B                                  |
| 5th Six Weeks | <b>Unit 09:</b> Patterns on a Coordinate Plane<br><b>Unit 10:</b> Representing Data<br><b>Unit 11:</b> Making Connections  | Students graph ordered pairs, analyze numerical patterns, represent data using graphs, and connect mathematical concepts to solve multi-step real-world problems. <b>TEKS:</b> 5.4C–G, 5.9A–C                                  |
| 6th Six Weeks | <b>Unit 12:</b> Essential Understandings of Decimals<br><br><b>Unit 13:</b> Essential Understandings of Fractions          | Students interpret data displays, summarize numerical data, and apply personal financial literacy concepts like budgeting, credit, and investing. <b>TEKS:</b> 6.13A–C, 6.14A–H                                                |

**5<sup>th</sup> Science**

| <b>Unit</b>                                                           | <b>Focus/Teks</b>                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit 01:</b> Investigating Physical Properties of Matter           | Students investigate and classify matter based on observable physical properties such as mass, magnetism, conductivity, density, and physical state. They learn how scientists compare materials using measurable characteristics. <b>TEKS:</b> 5.6A–C |
| <b>Unit 02:</b> Investigating Mixtures                                | Students investigate mixtures and explore physical methods used to separate them, including filtration, sieving, evaporation, and magnetism. <b>TEKS:</b> 5.6D                                                                                         |
| <b>Unit 03:</b> Investigating Force and Motion                        | Students investigate how forces such as gravity, friction, and magnetism affect the motion of objects while exploring balanced and unbalanced forces through hands-on investigations. <b>TEKS:</b> 5.7A–C                                              |
| <b>Unit 04:</b> Investigating Energy Transformations Through Circuits | Students investigate forms of energy, build simple electrical circuits, and explain how electrical energy is transferred and transformed. <b>TEKS:</b> 5.8A–B                                                                                          |
| <b>Unit 05:</b> Investigating Light                                   | Students investigate the properties of light, including reflection, refraction, absorption, and how light interacts with different materials. <b>TEKS:</b> 5.8C                                                                                        |
| <b>Unit 06:</b> Investigating Earth's Rotation                        | Students investigate Earth's rotation and explain how it causes predictable patterns such as day and night and the apparent movement of the Sun across the sky. <b>TEKS:</b> 5.9A                                                                      |
| <b>Unit 07:</b> Investigating Weather and the Water Cycle             | Students investigate weather patterns, weather tools, and the continuous movement of water through evaporation, condensation, precipitation, and runoff. <b>TEKS:</b> 5.9B–C                                                                           |
| <b>Unit 08:</b> Investigating Earth's Patterns of Change              | Students investigate weathering, erosion, deposition, and other natural processes that continually shape Earth's surface over time. <b>TEKS:</b> 5.10A–B                                                                                               |
| <b>Unit 09:</b> Investigating Structures and Behaviors of Organisms   | Students investigate how structures and behaviors help organisms survive, grow, and reproduce within their environments. <b>TEKS:</b> 5.12A–C                                                                                                          |
| <b>Unit 10:</b> Investigating Ecosystems                              | Students explore relationships among living organisms, energy flow, food webs, and interactions between organisms and their environments. <b>TEKS:</b> 5.13A–B                                                                                         |
| <b>Unit 11:</b> Investigating Ecosystem Management                    | Students investigate how human activities affect ecosystems and evaluate conservation practices that help protect natural resources. <b>TEKS:</b> 5.13C                                                                                                |
| <b>Unit 12:</b> Student-Designed Investigations and Solutions         | Students apply scientific inquiry and the engineering design process to plan investigations, analyze data, and communicate evidence-based solutions to real-world problems. <b>TEKS:</b> 5.1A–E, 5.2A–B                                                |

## 5th Grade Social Studies Syllabus

| Chapter                      | Focus                                                         | Standards                                                                                                       |
|------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| The First Americans          | How does the environment shape how we live?                   | 8.A, 8.B, 9.A, 8.B, 24.B, 24.C, 25.C, 25.D, 26.B, 22.A, 22.B                                                    |
| Age of Exploration           | Why do people explore?                                        | 6.A, 23.C, 24.C, 1.A, 17.D, 24.C, 24.B, 22.A                                                                    |
| Settlements Take Root        | Why do people leave their homelands?                          | 1.A, 8.A, 9.A, 1.B, 10.A, 14.A, 14.B, 24.B, 4.G, 22.B, 22.C, 24.C                                               |
| Life in the Colonies         | What does it take to build a new society?                     | 1.A, 1.B, 7.A, 8.A, 8.B, 10.B, 13.B, 23.A, 24.B, 25.B, 6.A, 11.A, 13.A, 13.D, 22.A, 22.B, 24.E, 24.D, 2.A, 21.A |
| The American Revolution      | What is worth fighting for?                                   | 2.A, 2.B, 24.A, 6.A, 21.A, 15.A, 17.D, 24.B, 2.C                                                                |
| A New Nation                 | What is the purpose of government?                            | 3.A, 8.B, 19.A, 24.A, 24.C, 3.B, 15.C, 16.A, 16.C, 17.D, 19.A, 20.A, 24.B, 15.B, 16.B, 20.B                     |
| The Young Nation Grows       | How do leaders shape a nation?                                | 19.B, 19.C, 24.A, 4.C, 4.D, 7.D, 19.B, 19.C, 4.A, 24.B, 4.G, 4.F, 4.G, 5.C, 23.A, 24.C                          |
| Moving West                  | What are the costs and benefits of growth?                    | 4.B, 4.F, 23.A, 23.C, 4.D, 8.A, 4.C, 23.C, 24.D, 13.C                                                           |
| Civil War and Reconstruction | What is worth fighting for?                                   | 4.B, 4.E, 7.A, 12.B, 13.B, 19.B, 24.C, 24.B, 23.C, 17.D, 20.B                                                   |
| Expanding West and Overseas  | How did different groups experience the growth of the nation? | 7.A, 8.C, 9.A, 13.B, 13.C, 23.B, 24.C, 21.A, 23.A, 24.B, 4.G, 13.C, 13.E, 24.C, 24.D                            |
| Industry and Immigration     | What are the costs and benefits of growth?                    | 23.A, 23.B, 23.C, 24.C, 24.B, 7.A, 8.C, 11.A, 12.B, 4.G, 6.A, 13.C, 17.E, 22.B, 22.C, 24.C                      |
| Struggle for Reform          | When does change become necessary?                            | 5.A, 5.C, 13.E, 17.D, 26.A, 13.C, 24.A, 20.B                                                                    |
| Good Times and Hardships     | How do people respond to good and bad times?                  | 5.A, 17.D, 24.A, 12.B, 13.D, 20.B, 21.B, 22.C, 9.B, 26.A, 5.C                                                   |
| World War II                 | What is worth fighting for?                                   | 5.A, 5.C, 24.A, 24.C                                                                                            |
| The Cold War                 | What are the responsibilities of power?                       | 5.A, 24.D, 23.A, 23.B, 25.D, 5.C                                                                                |
| America Changes              | When does change become necessary?                            | 8.B, 9.A, 13.A, 23.C, 5.A, 5.C, 22.C, 25.D, 5.C                                                                 |
| Americans Today              | What goals should we set for our nation?                      | 5.A, 5.B, 5.C, 24.D, 24.A, 25.D, 9.B, 13.A, 19.B, 23.A, 23.B, 23.C, 23.D                                        |

Assessment: Vocabulary Quizzes, chapter test, projects, and participation

Materials: S.S. Book, Savvas Realize online, IXL, smartboard, and Power Point