



HERITAGE OAK

Private Education

Fifth Grade Curriculum Synopsis

Welcome to Fifth Grade! Our focus is on interrelated skills including language, comprehension, writing, critical thinking, vocabulary, mathematics, problem solving, and verbal reasoning. Our students learn how to effectively gather data, apply it, and then use this information as the basis for new skills such as inference, analyzing, and thinking critically. By focusing on the critical skills of comprehension and math in these formative years, we guide students to become confident and accomplished communicators. Using various modalities, we provide challenging and creative experiences that allow students to work individually and in groups, as they apply their newfound knowledge.

In addition to a strong academic program, Heritage Oak is committed to developing the whole child. This well-balanced environment is not only safe and inviting, but also supportive and encouraging. We are partners working together for the benefit of the children.

ENGLISH/ LANGUAGE ARTS

An integrated language arts curriculum providing core instruction in the following areas:

- Grammar usage and mechanics
- The eight parts of speech: verbs, nouns, adjectives, adverbs, pronouns, prepositions, conjunctions/interjections
- Sentence types and structure
- Vocabulary: weekly words from curriculum or novel studies
- Online supplements used: Membean (vocabulary), Quill (grammar), IXL (language arts)
- Biweekly quizzes and cumulative finals

READING COMPREHENSION

Students are provided with a structured literature program in a warm and inviting environment. This program supports young children in developing a love for literature using narrative and expository works, as well as poetry.

- Students are encouraged to practice independent reading on a regular basis
- Reading comprehension skills, strategies, and close reading: summarizing, paraphrasing, inferencing, character and literary analysis, sequencing, making connections, comparing and contrasting
- Reading comprehension practice with students individually and in groups
- Students are taught about novels, poems, short stories, authors, and illustrators
- Weekly quizzes on story or chapters read
- End of unit/novel finals, projects, or book reports
- Novel studies will include Hatchet, Wonder, and Tuck Everlasting

WRITING

Fifth grade will be using the Step Up to Writing program as well as the Write Source curriculum. Step Up to Writing is a collection of writing strategies that meets diverse student needs and helps students proficiently write narrative, personal narrative, and expository pieces. This program not only provides basic writing instruction, but also moves into grade-level assignments and more advanced writing tasks.

Students will compose clear coherent sentences and paragraphs that develop a central idea. Their writing shows they consider the audience and purpose. Students will progress through the stages of the writing process (prewriting, drafting, revising, editing, and publishing) Students will incorporate all writing traits from the Six Traits of Writing: Word Choice, Sentence Fluency, Ideas and Content, Voice, Organization, and Conventions; Descriptive, Narrative, Expository, Persuasive, and the Five Paragraph Essay.

- Five plus detailed paragraph compositions
- State reports
- Research papers
- Book reports
- Poems

MATH

MacMillan McGraw Hill is a mathematics program that consists of lessons that correlate to each specific mathematic standard. This interactive curriculum brings learning to life and encourages student to think critically and at a higher level. Concepts are introduced incrementally and are continually practiced throughout the problem sets.

- Simplifying expressions / operations with signed numbers
- Graphing functions / word problems
- Powers and roots / ratios and proportions
- Fractions, decimals, mixed numbers, percent
- Prime factorization / integers / formulas
- Statistics and probability / frequency tables / data collection, display, and analysis
- Geometric constructions
- Scale factor
- Capacity and volume
- Complementary and supplementary angles

SCIENCE

The Science Program is a hands-on, interdisciplinary curriculum using methods and tactics from NGSS, STEM, STEAM, the state teaching standards, and dynamic supplemental teaching methods to deliver these subjects in the elementary science laboratory:

- Reducing Human Footprints
- Matter Cycles
- Earth Systems and Interactions
- Matter and Energy and Plants
- Energy Transfer
- Ecosystems
- Food Webs
- Objects in the Sky and Gravity
- Earth Rotations and Astronomy

- Observing the Stars

SOCIAL STUDIES

Students will explore and study a survey in American History and the road to independence.

- European exploration / Native Americans
- American Revolution / Colonial America
- Birth of a new Nation and Formation of a new government
- Immigration / Pioneers and westward expansion
- US States and capitols

FOREIGN LANGUAGE

French Fifth Grade (45 min twice a week)

Text: *Le manoir de la dentiste* - Graphic Novel by Jim Wooldridge
Nous sommes – Comprehensible Input Curriculum by Martina Bex

Fifth Grade French keeps building on the story-based learning skills continues to introduce new vocabulary and concepts. It reinforces good pronunciation, fluency, vocabulary, and syntax, and develops the four language skills of listening, speaking, reading, and writing. Formative assessments include conversation dialogues using everyday vocabulary, songs, cultural videos, dialogues and reader's theater, skits, team challenges and competitive online games. Students experience a hands-on approach to learning a foreign language and an appreciation for its richness in history and culture.

Spanish Fifth Grade (45 min twice a week)

Curriculum: Mi Camino Spanish and the Graphic Novel- La Casa de La Dentista by Jim Wooldridge

Fifth Grade Spanish keeps building on the story-based learning skills and continues to introduce new vocabulary and concepts. It reinforces good pronunciation, fluency, vocabulary, and syntax, and develops the four language skills of listening, speaking, reading, and writing. Formative assessments include conversation dialogues using everyday vocabulary, songs, cultural videos, dialogues and reader's theater, skits, team challenges and competitive online games. Students experience a hands-on approach to learning a foreign language and an appreciation for its richness in history and culture.

COMPUTER SCIENCE

Students will focus on developing fundamental digital literacy skills and will be introduced to basic concepts of technology and computer science.

- Introduction to Technology
- Digital Literacy
- Multimedia Skills
- Coding and Computational Thinking
- Internet Safety and Digital Citizenship
- Introduction to Robotics and Engineering
- Data Literacy and Visualization
- Technology in Society

ART

Master Artists of Focus: M.C. Escher, Jackson Pollack

- Optical illusions
- Stippling
- Ink
- Advanced contour line work
- Introduction to acrylic paint
- Action painting
- In depth exploration of the Elements of Art and the Principles of Design
- Ceramics
- Create a submission for the annual HOPE Art Fair

MUSIC

Students in the 4th and 5th grade music program may choose to participate in either the Band or Orchestra program. Students in the band program may select an instrument that is categorized as woodwind, brass, or percussion instrument, and students in the orchestra program continue with the violin and/or other instruments of the string family (viola, cello, bass).

Fifth Grade Students will continue with their instrument of choice for the following year. Students in this ensemble learn at a much quicker pace than when they were in the beginning band as they begin to master their instrument and music theory concepts. Additionally, they are challenged within the ensemble to strive for excellence in their musical repertoire. They will have three major concert opportunities that are required for these groups - one in December for our Holiday Show and two in the spring for our Spring Concert and music competition.

SmartMusic provides students with guided at-home practice sessions with immediate feedback to individual recordings, along with teacher comments/feedback to submitted assignments.

Why SmartMusic?

Research had determined that technology in music education facilitates self-regulated learning by (Summers, 2018):

1. Demonstrating how to plan each practice session. Students can see how the teacher utilizes the computer program to map out their individual practice sessions at home. When asked to practice on their own, the assignments on SmartMusic serve as a guide for students to plan their own session.
2. Motivating students to practice. Students are motivated to do well by achieving higher scores on SmartMusic. As a result, they practice more effectively to complete assignments to receive full credit and better grades.
3. Evaluating immediately with instant feedback feature. Students can recognize immediately if their practice session is effective or not. The automatic-generated scores of the program inform students what they are doing right and wrong. They can practice their assignments several times and evaluate what needs to be done to accomplish the goal successfully.

Summers, E. (2018). *The Effects of Parental Involvement and computer-based music technology on developing independent musicianship* [Doctoral Dissertation].

<https://cui.dspacedirect.org/server/api/core/bitstreams/1dd1e502-d1d3-44fd-a5db-483e367bf21b/content>

PHYSICAL EDUCATION AND SPORTS

- Development of fundamental, specialized motor skills.
- Monitor and maintain a health-enhancing level of physical fitness
- Students participate in a variety of physical activities and learn how to maintain a personalized active lifestyle
- Students exhibit responsible and self-directed behavior that leads to positive social interactions in physical activity

DSL (Developmental Sports League)- this is optional.

- Development of the individual
- An individual as a member of a team.
- Good sportsmanship
- Posture exercises
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