



HERITAGE OAK
Private Education

First Grade Curriculum Synopsis

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

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 HMH 2nd grade language arts curriculum providing core instruction in the following areas:

- Parts of Speech: Noun / Verb / Adjective
- Verb Tenses: Present / Past / Future
- Identify sentence types and parts of sentences
- Contractions / Punctuation
- Daily Grammar

READING COMPREHENSION

Students will be placed in small leveled reading groups as well as read weekly stories in the HMH 2nd grade series.

This will allow the students to:

- Increase reading fluency and comprehension
- Focus on characters, setting, plot, sequence of events, making inferences, drawing conclusions, identifying the main idea with supporting details, and locating explicit information, and authors purpose
- Learn new vocabulary words that coincide with the weekly HMH story

WRITING

HMH and Write Source is an enriching process which allows students to become well-rounded writers. The children will master each trait including: Ideas and Content, Organization, Voice, Word Choice, Sentence Fluency, and Conventions. Our young authors will demonstrate their knowledge and use of the traits using various genres. Students will compose clear coherent sentences and paragraphs that develop a central idea.

The students will:

- Compose 1-2 paragraph compositions
- Writing styles: Narrative, Descriptive, Expository, Persuasive, formal and informal letters
- Cursive series of letters will be introduced (both lowercase and capital letters)
- Mastery of cursive will be achieved by the end of the school year

MATH

Envision offers a vertical alignment process that provides learners with an articulated, coherent sequence of content. It ensures that content standards and units of study are introduced, reinforced, and assessed and that instruction is targeted on individual students and CA Mathematics Standards at a grade level ahead. The children will also be participating in small interactive math groups along with center-based instruction to emphasize and practice the various math skills.

- Place value to the 10,000 place
- Daily drills / Adding / Subtracting
- Estimate/calculate/solve problems involving addition and subtraction of two and three digit numbers
- Multiplication tables (2's, 3's, 4's, 5's 10's)
- Tell time to the minute
- Fractions-recognize, name, and compare unit fractions from $\frac{1}{12}$ – $\frac{1}{2}$
- Geometry: classify plane and solid geometric shapes
- Word Problems
- Solve problems using combinations of coins and bills
- Use appropriate standard units of measure (length, weight, capacity, time, and temperature)
- Reading and analyzing data- simple charts, picture graphs, line graphs, pie graphs, bar graphs, and number sentences
- Analyze and record the concepts of probability

SCIENCE

The Science Program consists of Science Weekly and a hands-on, interdisciplinary curriculum that takes place in the Elementary Science Laboratory.

- Planet Earth and its relationship to the Solar System
- Water Cycle
- Stages of life cycles are different for different animals
- Living vs. non-living things

SOCIAL STUDIES

The Social Studies program utilizes Studies Weekly to teach the children the following items:

- American Monuments, Presidents, Patriots
- Maps and Globes
- American Cultures
- Early American Settlers and Indians

CURSIVE

- Series of letters will be introduced (both lowercase and capital letters)
- Mastery of cursive will be achieved by the end of the school year

WORLD LANGUAGE: FRENCH

Students learn French with the help of musical stories that describe children's daily activities and points of interest. Formal greetings and leave-takings are taught as the beginning and end of each class. Students are encouraged to engage in conversations in French and respond to the teacher's prompts while telling and retelling stories. Activities include: songs, listening comprehension, interactive vocabulary games (in small groups or individual), recognition of written words and expressions, guided writing and acting out dialogues. Materials include: French Learning Method: Lili, la petite grenouille rose – level 1 – Three stories

WORLD LANGUAGE: SPANISH

Students will be introduced to the Spanish language with formal and informal instruction. Proper greetings and farewells are taught at the beginning and end of each class; students also participate in simple conversations, songs and age-appropriate games and activities to reinforce the vocabulary and expressions learned each week. Materials include RLRA curriculum (Real Language Right Away), Spanish children's books, flash cards and various objects for visual aids. Activities include: songs, listening comprehension, interactive vocabulary games (in small groups or individual), recognition of written words and expressions, guided writing and acting out dialogues.

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: Pablo Picasso & Winslow Homer
- Engage in self-directed or collaborative exploration with a variety of art materials
- Realistic vs. abstract art
- Cubism
- Introduction to contour lines and value
- Color theory: Mixing and blending colors
- Symmetry
- Ceramics
- Modern art
- Create submission for annual HOPE Art Fair

INSTRUMENTAL MUSIC - STRINGS

Students will learn the basic music fundamentals, develop note reading skills and a foundation on the violin instrument.

- Proper posture and playing position
- Left hand finger patterns on all strings with basic scales
- Develop right hand bowing techniques (slurs, ties, tremolo) and bow control
- Perform detailed rhythm on eighth and sixteenth note patterns, dotted rhythms and time signatures
- Understanding of basic music technology, musicianship skills and musical accuracy

- Perform simple arrangements as duets and trios within the strings class

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 lead to positive social interactions in physical activity