

5<sup>th</sup> Grade

Leap Day

2018



SEMPER ALTIUS



## Mrs. Higginbotham – 5<sup>th</sup> Grade Daily Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday
805	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
810	Math 8:15-9:15	History - A 8:15-8:55	Math 8:15-9:15	Math 8:15-9:15	Mass 8:15-9:15
815					
820					
825					
830					
835					
840					
845					
850					
855					
900	Snack	History - B 9:00-9:40	Snack	Snack	Snack
905					
910					
915					
920					
925					
930					
935					
940					
945					
950	English - A 9:25-9:55	P.E. 9:45-10:30	English - A 9:30-10:00	P.E. 9:35-10:15	Math 9:25-10:25
955					
1000					
1005					
1010					
1015					
1020					
1025					
1030					
1035					
1040	Formation 10:00-10:45	English - B 10:35-11:05	Art 10:05-10:50	English - B 10:20-10:50	Reading Buddies 10:30-11:00
1045					
1050					
1055					
1100					
1105					
1110					
1115					
1120					
1125					
1130					
1135					
1140	Communion Service	Communion Service	Communion Service	Communion Service	Communion Service
1145					
1150					
1155					
1200					
1205					
1210					
1215					
1220					
1225					
1230	History - B 11:05-11:45	Communion Service	History - B 11:05-11:45	History - B 11:05-11:45	English - B 11:05-11:35
1235					
1240					
1245					
1250					
1255					
1300					
1305					
1310					
1315					
1320					
1325					
1330	Math 11:25-12:35	Math 11:25-12:35	History - A 11:50-12:30	History - A 11:50-12:30	English - A 11:40-12:10
1335					
1340					
1345					
1350					
1355					
1400					
1405					
1410					
1415					
1420					
1425					
1430	History - A 11:50-12:30	History - A 11:50-12:30	History - A 11:50-12:30	History - A 11:50-12:30	Filing 12:15-12:30
1435					
1440					
1445					
1450					
1455					
1500					
1505					
1510					
1515					
1520					
1525					
1530	Recess 12:30-1:00	Recess 12:30-1:00	Recess 12:30-1:00	Recess 12:30-1:00	Recess 12:30-1:00
1535					
1540					
1545					
1550					
1555					
1600					
1605					
1610					
1615					
1620					
1625					
1630	Lunch 1:00-1:30	Lunch 1:00-1:30	Lunch 1:00-1:30	Lunch 1:00-1:30	Lunch 1:00-1:30
1635					
1640					
1645					
1650					
1655					
1700					
1705					
1710					
1715					
1720					
1725					
1730	Homeroom	Homeroom	Homeroom	Homeroom	Homeroom
1735					
1740					
1745					
1750					
1755					
1800					
1805					
1810					
1815					
1820					
1825					
1830	Religion 1:35-2:05	Religion 1:35-2:05	Religion 1:35-2:05	Religion 1:35-2:05	Reading 1:35-2:15
1835					
1840					
1845					
1850					
1855					
1900					
1905					
1910					
1915					
1920					
1925					
1930	Reading 2:10-2:55	Reading 2:10-2:55	Reading 2:10-2:55	Reading 2:10-2:55	Latin 2:20-2:55
1935					
1940					
1945					
1950					
1955					
2000					
2005					
2010					
2015					
2020					
2025					
2030					
2035					
2040					
2045					
2050					

# Leap Day Notes

## What You Can Expect:

- Homework every weeknight
- A quiz after every lesson in History
  - o The quizzes will be taken directly from outlines that will be provided at the beginning of each new chapter.
- A weekly quiz in Science, English, and Math
- A weekly chapter/unit test in Religion and Spelling
- A test after every chapter of every subject
- Occasional projects or compositions which count as test grades

## Our Goals for Our Students:

- To work independently
- To learn to manage their time effectively
  - o To train themselves to anticipate “heavy” nights by working ahead
- To learn to study in increments
  - o This is the purpose of History, Science, English, and Math quizzes
  - o Test nights should be review nights, not cramming sessions
- To familiarize themselves with various study approaches
  - o Highlighting important information - Religion, English
  - o Science and History - interpreting and studying from outlines and notecards
- To organize their materials
- To learn responsibility and accountability
  - o Being ready for class with all necessary materials
  - o Do things well the first time and on-time
- To prepare them for various teaching approaches and expectations

## Homework Expectations (daily):

First Grade	30 minutes
Second Grade	45 minutes
Third Grade	60 minutes
Fourth Grade	75 minutes
Fifth Grade	90 minutes

*Please note:*

*The times stated in the chart above do not include daily reading requirements.*

## Fifth Grade Course Descriptions

**Grammar:** Communication is central to all human interaction. We are gifted with the ability to read, write, listen, and speak. These language arts are the foundation and gateway to all learning. In this course, the student will understand the structure of sentences and the parts of speech that comprise them (verbs, subjects, direct objects, indirect objects, subject complements, prepositional phrases, adjectives, adverbs, and conjunctions, phrases, and clauses). They will understand and apply the rules governing the correct use of punctuation and capitalization to communicate effectively in their writing.

**Composition:** In this course students will be able to write with structure (organizational models for writing) and style (collections of tools such as strong verbs, quality of adverbs and adjectives). The program works by providing clear and interesting models for students to follow. With pre-selected texts, the learner is free to concentrate on selecting key words to create a usable outline. With a workable outline, the actual writing flows almost effortlessly, allowing students to focus on the more difficult process of “dressing up” the piece. When taught in a sequential, incremental way, writing indeed becomes enjoyable. The teachers will tie together structure and style by providing students with specific guidelines and requirements. These highly structured parameters allow students to develop competency, which quickly transitions into independence, which then results in creativity.

**Reading:** This course offers students the opportunity to explore the verbal and written expression of the English language. Students will learn how to make inferences, interpret context clues, and read to gain information. Literary activities will benefit the students in developing strong reading comprehension and fluency skills. Special emphasis is given to the identification of main ideas, themes, supporting ideas and details, mood and tone, character traits, characteristics of various genres, elements of characterization, setting and plot, and use of figurative language. Some methods of instruction include teacher-guided lessons, group projects, independent work, and interactive lessons using technology. Students will complete various types of assignments including daily reading logs, research projects, comprehensive oral and written questions, and the reading, writing, and performing of a Shakespearean play adapted for children.

**Math:** This course is foundational in that it is a look toward Middle School more than a looking back on Lower School. The students begin with a review of the basic mathematical skills they have acquired in their elementary grades. They have mastered the four basic fundamental operations and are now ready for a more challenging year of computations, equations, and mathematical problems. These skills will effectively lay the groundwork for understanding algebra. Concepts to be covered include order of operations, probability and statistics, analysis and interpretation of graphs and data, metric and customary measurement, basic geometry, the number line and coordinate plane. Students will come away with a solid understanding of rational numbers (fractions, decimals, and percents) based on our deep work with equivalent fractions. Rational numbers will be the basis of our work with scale modeling, creating proportions, graphing, finding percentages, measuring, and solving puzzles.

**Catholic Formation:** As human beings we are created by God with a body and soul. Our purpose is to know, love, and serve God and be happy with Him in Heaven. This course offers a thorough grounding in Catholic doctrine. Students will learn about Sacraments, morality, social teaching, and the Church’s life and mission. Through studying the Creed and the development of salvation history, students are immersed in the Profession of Faith. They develop a deeper understanding of each component of the Creed as it is part of salvation history.

**History:** To understand man's position in the modern world, he must first know his roots. This history course serves as an introduction to the study of the epochs of prehistoric man to the first great civilizations of the world including Mesopotamia, Egypt, and Israel. Students will trace man's emergence into civilization from his humble beginnings in the Fertile Crescent to Alexander's Empire and the spread of Hellenism. The contributions and cultures of Europe are explored with particular emphasis on those which are foundational to the development of Western Civilization. In addition, this course *will explore* developments made in China, Japan, and Russia through the mid-1800s as well as the history and origin of the world's great religions.

**Science:** The students will explore, experience, and gain understanding in a variety of areas within the field of science including life, physical, and earth sciences through the use of reading, research, discussion, participation in group and individual projects, and utilization of the scientific research process and experiments. Students will use the appropriate tools and techniques to gather, analyze, and interpret data. Students will learn to ask questions about the world and develop solutions to problems they encounter in and out of the science classroom. They will use their own knowledge and reasoning abilities; seek out additional knowledge from other sources, and conduct investigations of the real world.

**Latin:** Not every foreign language class immerses students in the origins of Western Language and Civilization. Young scholars at THS find a sure foundation in their study of Latin, the origin of 60% of the English language and of many of the finest and highest elements of our culture, heir of the Western Roman Empire. Class begins each day with a song in Latin, often times hundreds or over a thousand years old. In class, students learn about the ancients, from their language and grammar to their myths and way of life. In the end, they discover that a culture that at first may seem long ago and far away in fact deeply shapes the world in which they live and dwell today. THS's motto is "semper altius." In Latin, we learn what this means.

**Art:** The 5th graders will be learning about Proportion, Balance, Emphasis, Movement, Variety and Harmony. They will draw an impressive self-portrait, make paper, create a colorful radial design and many other pieces that they will be proud of and strengthen their self-confidence.

**Physical Education:** The physical educational program that's designed for lower school students will be a program of individual and team activities that will focus on fitness, coordination, and character building. Through class activities and instructions students will be given the opportunity to learn how to stretch & warm-up, throw & catch, balance and coordination, and a variety of sports. This program is designed to develop an awareness and appreciation for activity and physical fitness through cardio, aerobics, and mini-games of fitness. We focus on character building by creating an environment that can showcase sportsmanship and team work.

## Fifth Grade Curriculum

### Catholic Formation

Students will:

- Study the articles of the Creed as the basic belief of our Catholic faith, with a special emphasis on careful understanding of definitions through the words of the Gospels, the prophets and the prayers of the Church:
- God the Father of all; mankind's participation in and loss of God's life
- God the Son, the Redeemer. The fulfillment of God's plan in Jesus Christ, God and Man
- God the Holy Spirit, the Sanctifier. Our Call to Holiness and witness in the Church
- Examine the Old Testament: salvation history up to the birth of Christ
- Review the Christian Revelation and the celebration of the Christian Mystery (i.e., the Sacraments)
- Develop an understanding of the seven Sacraments as instruments of sanctifying grace
- Review and discuss sacred signs and symbols
- Identify how each of the sacraments is an encounter with Christ
- Explain why Baptism, Eucharist and Confirmation are considered Sacraments of Initiation, Reconciliation and anointing are considered Sacraments of Healing and Matrimony and Holy Orders are considered Sacraments of Vocation
- Define grace and illustrate the means God uses to bestow grace
- Articulate the importance of the Feast of Pentecost and the guidance of the Holy Spirit in the birth and life of the Church
- Study Scripture and church doctrine (Catechism of the Catholic Church) and identify scripture passages that relate to the Sacraments
- Discover various forms of prayer and worship (formal guided meditation, spontaneous, liturgical and song)
- Demonstrate knowledge of the parts of the Mass
- Participate in local service projects

### Language Arts

Students will:

- Define and discuss the characteristics of different literary forms and genres
- Use reading strategies to understand a variety of literary passages and texts, such as fairy tales, short stories, fables, legends, tall tales, adventure stories, humorous stories, myths, legends, fantasy, mystery, epics, historical fiction, realistic fiction, chapter books, novels, biographies, autobiographies, expository text, poetry and prose
- Analyze and use the various literary techniques, such as characterization, exaggeration, humor, imagery, point of view, foreshadowing, repetition, flashback, rhyme, rhythm
- Compare works according to literary characteristics (character, setting plot, conflict, climax, rising action, resolution, theme, mood, tone, point of view)
- Participate in shared inquiry literary circles to develop critical thinking, writing and interpretive reading
- Respond to text both orally and in writing at different levels (literal, interpretive and allegorical)
- Apply research skills, such as taking notes, making key word outlines, organizing and classifying information, summarizing and paraphrasing, conducting computer-generated research, composing documents with appropriate formatting
- Develop ability to write 3 paragraph essays
- Develop listening skills, creative writing and public speaking
- Memorize and recite selected pieces (poetry, speeches, etc.)
- Apply correct grammar and punctuation to writing using the program, Structure and Style

## **Critical Thinking**

Students will:

- Ask questions
- Support ideas with reference to texts or sources of information
- Understand that some questions have more than one possible answer
- Revise and improve on initial answers

## **Grammar**

Students will:

- Mastery of all Fourth Grade grammar benchmarks
- Identify the eight parts of speech: nouns, pronouns, verbs, adjectives, adverb, prepositions, conjunctions, and interjections
- Diagram sentences appropriate to grade level parts of speech
- Write a complete sentence using appropriate subject and predicate, grade level spelling, grammar, punctuation, etc.

## **Math**

Students will:

- Master and apply knowledge of place value to the billions place, addition and subtraction with regrouping, multiplication and division concepts and facts, statistics and probability, measurement and time, algebra as appropriate to developmental level, geometry as appropriate to developmental level, multiplying and dividing by one digit, fractions and decimals.
- Apply problem solving skills throughout each unit of study
- Continue practice of mental math
- Practice math timed tests of basic facts
- Apply problem solving skills throughout each unit of study

## **Science**

Students will:

- Further develop understanding of the scientific process and thinking skills, such as observation, analysis and interpretation
- Develop habits such as precision, initiative and skepticism
- Use scientific tools applying skills and habits
- Frame questions, design research approaches, conduct trial runs, write reports and communicate results
- Focus on geology and meteorology, water resources, space exploration, moon and earth characteristics, matter, properties of matter, elements and compounds, atoms and molecules, the periodic table, motion, laws of motion, skeletal, circulatory, muscular and nervous systems of the human body

## **Social Studies**

Students will:

- Recognize and discuss major world historical events, characteristics, achievements, and cultural legacies of Mediterranean civilizations to Western Civilization
- Study the Prehistory Era, Stone Age, Metals Age and Neolithic Revolution
- Study early agricultural civilizations of Mesopotamia, Egypt, Israel Phoenicia, and Far East civilizations such as India and China
- Study Mediterranean civilizations of Greece and Rome and the development of early Christianity

- Describe the increasing influence of the early Christian Church on the Roman Empire from the period when Emperor Constantine declared religious freedom (approx. 315 A.D.) until Christianity became the official religion of the empire (380 A.D.)
- Identify church Fathers and Missionaries and learn about their lives and main ideas
- Study Barbarian invasions, the fall of the Western Roman Empire, the foundations of a Christian civilization in Western Europe, and the emergence of other new civilizations: Byzantium and Islam
- Recognize and discuss some major characteristics of medieval European culture: everyday life and customs, social hierarchy, government, main economic activities, religious traditions and beliefs, artistic expressions, intellectual, scientific and technological discoveries, as well as inventions and accomplishments
- Study the geography of North Africa, Middle East, South Asia and Europe
- Identify location, physical features, political regions and human/environmental interactions during the above time periods

## After School Care

The Highlands School Aftercare Program provides each child with the opportunity to develop a strong work ethic through allotted homework times, trying to instill independence in problem-solving and time management while still aiding the students as necessary to the best of the staff's abilities. In addition to this work ethic, the students are encouraged to socialize not only with their classmates but with children in other grades, extending their bonds and friendships to others with similar interests and enabling them to interact with various age groups in a comfortable, friendly environment. The students are able to interact both in centers—the games and other crafts the students may play each day—and in outdoor activities from tag to soccer to football, weather permitting. The Aftercare Program has daily prayers that often allow the students to voice their own prayer intentions and thus practice praying for those in need within the community. As a whole, the Aftercare Program is dedicated to the development of the students in its care: academically, socially, physically, and spiritually.



## **Snapshot of the Year:**

### **Academic Excellence:**

- Above Level Math
- Mastery of Basic Math Computation
- Mastery of Grammar
- Writing Benchmark: 5-paragraph essay
- Writing Program: Institute for Excellence in Writing
- Authentic Instruction in Orthodox Catholic Doctrine

### **Field Trips:**

- Botanical Gardens and Japanese Gardens in Fort Worth
- Casa Manana Theater in Fort Worth
- Water Gardens in Fort Worth
- Omni Theater in Fort Worth

### **Student Involvement:**

#### **Athletics:**

- Boys: Football, basketball
- Girls: Volleyball, basketball

#### **Clubs / After school:**

- Boys: Conquest, Robotics
- Girls: Challenge, Robotics

#### **PSIA Competitions**

#### **Production of Shakespeare Play!**