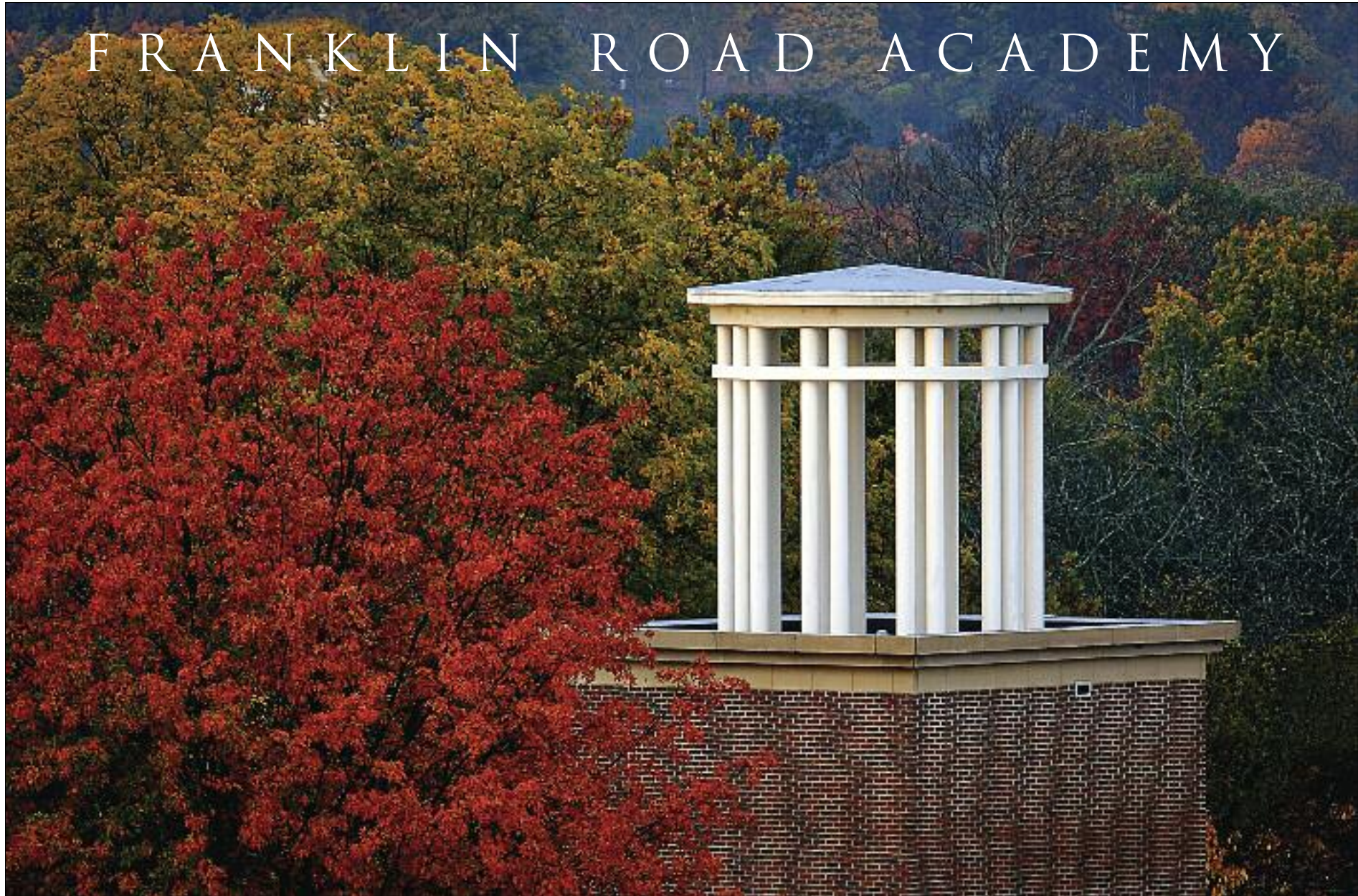




FRANKLIN ROAD ACADEMY





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ACADEMY OVERVIEW

MISSION STATEMENT

The mission of Franklin Road Academy is:

- ▶ To instill in our students a lifelong love of learning, emphasizing academic excellence and college preparation;
- ▶ To develop students of integrity with Christian values to sustain and lead them in lives that will make a difference;
- ▶ To guide students to discover needed balance for life through opportunities in the arts, athletics, and activities.



HIGHLIGHTS

Located on a 57-acre campus in Nashville, Tennessee, Franklin Road Academy enrolls approximately 850 students in grades prekindergarten through twelve. FRA's Upper School includes approximately 250 students in grades 9-12. Admission to FRA is selective and based on the student's ability to succeed in a college preparatory environment.

Key Facts

- ▶ Accredited by the Southern Association of Colleges and Schools and the Southern Association of Independent Schools
- ▶ All FRA students in grades 7-12 use tablet PCs in order to enrich their learning experiences and to better prepare them for 21st century collegiate life and professions.
- ▶ All FRA students in grades 9-12 must complete a minimum of 20 hours of community service for graduation.
- ▶ FRA matriculates 100% of our students to college each year. The graduating class of 2011 earned close to \$4 million in scholarships.
- ▶ 10:1 student/faculty ratio; average class size is 12.

The Center for Philanthropic Studies

Beginning in the 2011-2012 school year, The Center for Philanthropic Studies at Franklin Road Academy will provide programming in community service, service learning, and philanthropic education for all FRA students. Experiential learning activities, student led initiatives, Service Saturdays, and an introduction to the non-profit sector will enrich academics, cultural, and spiritual life.

FACILITIES

Fine & Performing Arts Center

FRA's Fine and Performing Arts Center features beautiful facilities including an outdoor amphitheater, a 700-seat theatre with professional sound and lighting, and separate rooms and studios for visual and performing arts, band, dance, drama, and voice.

FRA students have many opportunities to express their talents through Fine & Performing Arts including two major drama productions each year—a fall drama and spring musical.

FRA produces both fall and spring choral and band concerts, Cocoa and Carols at Christmas time, and ~an evening with the arts~ in the spring—all of which showcase student talent.

Hands-on Science Laboratories

Upper School and Middle School students are taught science within state-of-the-art science labs in grades 5-12. Lower School students are taught science in a hands-on science and engineering (STEM) lab.

The L.M. Crockett Library

FRA's Middle and Upper School library has 25,000+ holdings of books, magazines, audio books, DVDs, and videos. It features an online card catalog system, nine databases and internet search capability with thousands of sources for those who log on to the library website. The library has a copier, scanner, and both B&W and color printers for student and teacher use.

There are 44 cozy chairs and 3 study rooms which accommodate up to 4 students each for studying and collaborating on projects. The Rodewald Room under the cupola is available for conferences and luncheons.

Chapel Conference Center

FRA's chapel has been converted into a state-of-the-art conference center with audio visual presentation equipment and conference seating for 100.

Athletic Facilities

FRA's athletic facilities include:

- ▶ 4 gymnasiums
- ▶ Football/soccer field within a 1,500 seat stadium
- ▶ Baseball stadium
- ▶ Softball field
- ▶ Tennis courts
- ▶ Fully-equipped weight room
- ▶ Track & Field with turf infield

ACTIVITIES

Organizations

Student Council
Honor Council
National Honor Society (Grades 9-12)
National Junior Honor Society (Grades 5-8)
Service Club
Fellowship of Christian Athletes (FCA)
Young Life/Wyld Life
Yearbook
Newspaper
Literary Magazine
Quiz Bowl
Model U.N.
French Club
Latin Club
Spanish Club
Mu Alpha Theta (math club)

Alpha & Omega

All FRA Upper School students are divided into two groups: Alpha & Omega. These groups compete in academic and athletic competitions throughout the year, as well as other fun events, promoting school spirit and healthy competition.

Service Opportunities

TURNER FELLOWS—This summer program offers rising seniors, chosen by committee application and interview, the opportunity to serve at not-for-profit organizations in the Nashville community. Participating agencies have included The Margaret Maddox Family YMCA, The Salvation Army, The Martha O'Bryan Center and St. Luke's Community Center.

INTERIM—During the four days before Spring Break, FRA provides unique learning opportunities for Upper School students. Each faculty member sponsors a class, trip, internship “job shadow” or service project. Interim is an integral part of the educational experience at FRA.

Athletics

Grades 7-12 participate in the following:

Baseball—boys
Basketball—boys & girls
Bowling
Cheerleading—girls
Cross country—boys & girls
Football—boys
Golf—boys & girls
Hockey—boys
Soccer—boys & girls
Softball—girls
Swimming—boys & girls
Tennis—boys & girls
Track—boys & girls
Volleyball—girls
Wrestling—boys

5th grade: No participation in FRA athletic teams. High participation in community sports leagues.

6th grade: Compete at 6th grade level and play in certain circumstances with 7th and 8th grades in HVAC sports*

7th & 8th grades: Full participation in HVAC sports

All Middle School students have Physical Education.

*Student-Parent Athletic Handbook available



LOWER SCHOOL

Lower School Programs of Distinction

- ▶ Enrichments
- ▶ Foreign Language
- ▶ Science (STEM) Lab
- ▶ Tablet PC program
- ▶ Embedded Professional Development for teachers in Language Arts and Math
- ▶ Character Education

Art

All Lower School students attend art class on a rotating schedule (PK4, PK5, & K for 30 minutes; Grades 1- 4 for 45 minutes). Students use a variety of mediums to explore the elements of art: shape, color, line, value, texture, space and form. Art history is incorporated throughout the curriculum. Each art level is age appropriate in regard to vocabulary and concepts and is a stepping stone for the next grade level. Media skills explored are painting, drawing, design, clay, textiles, collage, mixed media, sculpture, masks, and printmaking.

Guidance Counseling

The PK-grade 4 curriculum includes topics such as character education, anger management, conflict resolution, and lessons created to meet the specific needs of the class at that time. Class lessons are geared toward teaching skills, but class time allows counselors to develop personal relationships with each student. Counselors meet with students individually when a need arises. Students, parents and teachers speak with counselors when an individual session is needed. They also develop ways to best serve the child at school and at home. Group sessions are held to address specific group needs. Counselors act as resources to parents and teachers, and make referrals to outside agencies.

Foreign Language

The PK-grade 4 Foreign Language Exploratory Program creates curiosity, motivation, and self confidence for students to continue learn-

ing languages (French and Spanish) through-out their educational experiences. Students meet regularly on a rotating schedule. The goal is to create a deeper understanding and appreciation of other cultures while also developing each student's basic aural comprehension and pronunciation skills. Simple vocabulary and phrases are taught through songs, games, and everyday experiences.

Physical Education

The program focuses on fitness, movement, motor and team building skills. Physical education is movement-based and fitness oriented. Activities are geared to meet grade-specific benchmarks, to instill the desire to be active for life, and to help students acquire the skills and confidence they need to participate in a variety of physical activities. Grades 1- 4 have P.E. daily. Kindergarten has P.E. once a week.

Library

The Lower School Library has over 13,000 volumes, including picture books, early readers, chapter books, and nonfiction resources targeted specifically to young readers. All grade levels visit the library on a rotating schedule to check out books. Students may visit any time for book checkout. Reading aloud to students is emphasized. Through Reading Buddies, older students read to younger students. Annual library special events include a book fair, student read-a-thon, and visits by nationally known authors. Library resources furnish teachers with book selections and material to support classroom

instruction. Computer research stations support internet research projects which are coordinated with classroom work. All grades learn skills for effective library use. Upper grades learn to use the computerized card catalog.

Performing Arts

All Lower School students will explore the four areas of Performing Arts: music, theatre, dance, and public speaking. A variety of activities include playing instruments, singing, folk and classical dance, theatre skills and games, enunciation, and practicing stage presence. These activities and lessons will prepare students for a variety of performances throughout the year.

Science STEM Lab

All Lower School students, grades K-4, participate in science and engineering enrichment labs weekly on a rotating schedule (K for 30 minutes; grades 1-4 for 45 minutes). Labs are coordinated to support and enhance grade level science curriculum and include the study of physical, earth, and life systems. Science labs are inquiry-based, utilizing hands-on and critical-thinking skills. Engineering labs follow the Engineering Design Process: Ask, Imagine, Plan, Create, and Improve. They are integrated with the previous 6-weeks' science topic, allowing students to develop solutions to real-life problems in the areas of chemical, materials, agricultural, mechanical, civil, package, industrial, biomedical, and environmental engineering.



Technology

All teachers have laptop/tablet computers and routinely integrate technology throughout the curriculum. Classrooms have three to six computers for students. There is a fully equipped, up-to-date computer lab. Electronic research stations are available in the library. Teachers for grades K-4 bring students to lab on a rotating schedule for curriculum integration using technology resources. Grades K-3 meet with a Technology Specialist once during the week, and grade 4 meets twice weekly. Typical usage includes, but is not limited to: interactive whiteboards, iPads, internet research, word processing, curriculum related software, multimedia projects, and drawing.

LOWER SCHOOL

PREKINDERGARTEN 4

Language

Identifies and writes name
Recognizes upper & lower case letters
Beginning to recognize letter sounds
Listens to stories
Follows directions
Beginning to use inventive spelling
Forming capital letters

Math

Recognizes shapes & numbers 1-10
Counts to 20
Sorts & classifies objects
Continues patterns with 3-4 repetitions
Understands one-to-one correspondence
Beginning simple addition

Centers

Housekeeping
Music & listening
Blocks, letters, games & puzzles
Math
Computers
Sand & art
Science
Books & writing

Motor Coordination

Builds with construction sets
Manipulates pencil, markers & crayons
Uses scissors & paint brushes
Jumps, hops & skips
Balances on one foot
Uses alternate feet on stairs

Socialization

Follows 2-3 step directions
Works cooperatively in small groups
Attentively listens to a 10-15 minute story
Works & cooperates with adults

Enrichments

Foreign language, art, guidance
counseling, library & performing arts

Handwriting

Handwriting Without Tears —
Developmental approach to writing that
encourages natural writing practices

Weekly Thematic Units

PREKINDERGARTEN 5

Language

Recognizes upper & lower case letters
Recognizes letter sounds
Forming capital & lower case letters
Improves listening skills
Follows multi-step directions
Uses inventive spelling

Math

Recognizes numbers 1-20
Counts to 50
Patterns, sorts & graphs objects
Recognizes & draws shapes
Understands one-to-one correspondence
Understands more than & less than
Performs simple addition

Centers

Housekeeping
Blocks
Math
Computers
Sand & art
Science
Language Arts

Motor Coordination

Builds with construction sets
Manipulates pencil, markers & crayons
Uses scissors & paint brushes
Jumps, hops & skips
Balances on one foot
Uses alternate feet on stairs

Socialization

Follows 2-3 step directions
Works cooperatively in small groups
Attentively listens to a 10-15 minute story
Works & cooperates with adults

Enrichments

Foreign language, art, guidance
counseling, library & performing arts

Handwriting

Handwriting Without Tears —
Developmental approach to writing that
encourages natural writing practices

Units

Vary by season, holidays & letter of the week



KINDERGARTEN

Reading & Literature

Letter & sound correspondence
Auditory & visual discrimination
Beginning sight word vocabulary
Exposure to various books & genres
Guided, shared & independent reading
On-line storybooks
Systematic approach to phonics

Art

Crayons, markers, pastels
Paint & clay
Collages & art appreciation

Social Studies

All About Me
Citizenship
Cooperating with adults & peers
American symbols

Science

Physical Science
Earth Science
Life Science

Writing

Handwriting Without Tears
Fine motor control
Construction of short stories & sentences
Uses inventive spelling
Simple punctuation
Guided, shared & independent writing
6 Traits Writing/Regie Routman



Math

Number Sense
Sort, classify & graph
Measurement
Addition & subtraction
Use of manipulatives
Calendar

Enrichments

Foreign language, art, guidance counseling,
library, performing arts, P.E., science lab
Technology
Literacy Center

1st GRADE

Reading & Literature

Basal reading stories
Comprehension & vocabulary
Scholastic guided reading
Independent reading
Oral reading & speaking
Sight words
Poetry, writing, reading, & technology
6 Traits Writing/Regie Routman

Phonics & Grammar

Initial, medial & final consonants
Short & long vowels; compounds & blends
Words with "le", hard & soft "c" & "g", & "y"
as a vowel
Diagrams & r-controlled words
Contractions, endings & suffixes
Naming, action & describing words
Creative writing

Social Studies & Science

All About Me
Thanksgiving & Christmas symbols
U.S. symbols
Earth science— pebbles, sand & silt
Our earth & dinosaurs
Physical science— solids, liquids
Life science— bats, sharks, land animals &
polar animals
Organisms & insects

Writing & Spelling

Handwriting Without Tears
Punctuation & spelling
Construction of complete sentences
Capitalization

Typing

Weekly spelling activities & tests

Math

Addition— basic facts
Subtraction— basic facts
Fact families
Solid & plane shapes
Money
Patterns
Location & movement
Calendar & time
Measuring
Building numbers— counting on
Fractions— halves, wholes, & equal parts

Enrichments

Foreign language, art, guidance counseling, library,
performing arts, P.E., science lab, technology



LOWER SCHOOL

2nd GRADE

Reading & Literature

Oral & silent reading
Story structure
Fantasy, realistic fiction, non-fiction & poetry
Making predictions
Inferring & drawing conclusions
Summarizing the main idea & details
Compare & contrast, cause & effect
Fact & opinion

Grammar

Writing & parts of speech
Punctuation & mechanics
Beginning research
Usages, vocabulary & spelling
6 Traits Writing /Regie Routman
Creative writing
Friendly letters, persuasive writing
Book reports & research reports
Study skills

Social Studies & Science

Our World— study of the 7 continents
Projects: Box city, Pioneer & Biography
Christmas Around the World
Insects
Air & Weather, Balance & Motion
Magnets, sound & heat, plants

Language, Phonics & Spelling

Weekly spelling activities & tests
Synonyms, antonyms, homonyms
Compound words
Consonant blends & vowel sounds
Diagraphs, contractions, affixes
Syllables, word attack & dictionary skills

NOVELS: *Pippi Longstocking*
Magic Tree House
Twister on Tuesday

Math

Problem solving skills
Add & subtract with & without regrouping
Time & money
Measurement— length & weight, temperature
using American standard & metrics
Plane shapes & solid figures
Graphing, symmetry & spatial perception
Fractions
Number sequence patterns
Beginning multiplication & division
Estimation
Reasoning skills

Enrichments

Foreign language, art, guidance counseling,
library, performing arts, P.E., science lab,
technology

3rd GRADE

Reading & Literature

Oral & silent reading
Reading for meaning
High interest reading
Fantasy, realistic fiction & poetry
Oral book presentations
Listening skills
Time For Kids

Grammar & Composition

Parts of speech
Punctuation & mechanics
Beginning research
Usages, vocabulary, spelling & definitions
6 Traits Writing
Journals
Creative writing
Phonics & decoding
Sentence structure
Study skills

NOVELS: *Ramona Quimby, Age 8*
Charlotte's Web

Social Studies & Science

Tennessee History & Government
Environment, map & globe skills
Graphs & charts
Consumer economics unit
Immigration, 3rd grade flea market
Earth— rocks & minerals
Physical— scientific method, matter, properties,
states, changes, measurement
Forces & work, machines

Math

Numeration & order
Addition & subtraction facts
Add & subtract with & without re-grouping
Time & money
Place value
Multiplication facts & related problems
Division with & without remainders
Measurement— length & weight, temperature
using American standard & metrics
Graphing & geometry
Fractions & decimals
Problem solving & rounding
Investigations

Enrichments

Foreign language, art, guidance counseling,
library, performing arts, P.E., science lab,
technology



4th GRADE

Reading & Literature

Reading skills taught through 4th grade

Basal Reader

Leveled Reading

American tall tales

Oral reading

NOVELS: *Mrs. Frisby and Rats of the Nimh*

Bud, Not Buddy

Number the Stars

Grammar & Composition

Parts of speech

Punctuation & mechanics

Vocabulary (Classical Roots)

Research

Spelling

The writing process/6 Traits Writing

Summaries



Math

Place value & money

Adding & subtracting whole numbers

Multiplication & division concepts & facts

Time, date & graphs

Multiplying 1-digit, 2-digit & 3-digit numbers

Division

Geometry & measurement

Fraction concepts & operations

Customary measurement

Understanding decimals, graphing

Probability

Roman numerals

Investigations

Social Studies

U.S. Geography—5 themes of geography

Map skills

Regions of the United States

State research & national parks

Science

Cells & classification of living things

Plants, oceans & earth's surface

Weather, Light, and Sound

STEM Lab— Environmental Engineering

Chemical testing

Discovery Fair

Enrichments

Foreign language, art, guidance counseling,

library, performing arts, P.E., science lab,

technology



M I D D L E S C H O O L



Philosophy

In keeping with the mission of FRA, the Middle School philosophy is to provide an environment where students can:

- ▶ Grow intellectually, physically, socially, spiritually, morally, culturally, and emotionally.
- ▶ Move from self-centeredness toward social awareness.
- ▶ Progress from dependence toward responsible independence.

The educational program includes diverse opportunities and activities to help students develop:

- ▶ Increased awareness and knowledge of the academic disciplines.
- ▶ Reasoning ability and communication skills.
- ▶ Healthy choice of life skills.
- ▶ Sensitivity to the rights and needs of others which promotes responsible citizenship.
- ▶ Problem-solving, decision-making, and goal-setting skills.
- ▶ Initiative, creativity, and a sense of what they can become.

Goals

Middle School teachers and administrators facilitate the students' transition from Lower School to Middle School by—

Creating a caring environment that:

- ▶ Recognizes the worth and dignity of each human being.
- ▶ Promotes a positive self-image.
- ▶ Develops a sensitivity to the rights, feelings, and efforts of others.
- ▶ Assists students in developing self-discipline, completing a given task and evaluating themselves.

Integrating methods of instruction and materials that:

- ▶ Help students attain course objectives.
- ▶ Take into account individual differences.
- ▶ Encourage each student to be an active learner.

Enhancing students' experiences by:

- ▶ Encouraging creativity
- ▶ Exploring special interests through curricular and co-curricular activities
- ▶ Providing a safe and nurturing environment

5th GRADE

Humanities: Literature

Historical fiction
Fantasy & realistic fiction
Drama
Poetry
Vocabulary
Oral reports, written reports
Parts of speech
Punctuation & mechanics for writing
Vocabulary—Classical Roots
The Writing Process/6 Traits Writing Program
NOVELS: *Sign of the Beaver*
Fever 1793

Humanities: History

Study Skills
Paragraph writing—1, 3, and 5
Research essay on Founding Fathers
Poetry
Map reading
United States history, including:
Exploration
Development of colonies
American Revolution
The New Republic
Westward expansion
Civil War

Foreign Language

Spanish enrichment:
Vocabulary
Communicative approach

Enrichments

Physical education
Integrated Health Plan
Art
Advisory
Exago: Christian Principles for Life

Music—Choice of:
Instrumental Music
Vocal Music

Math 5

Operations with whole numbers
Operations with decimals
Operations with fractions
Percent
Introduction to Algebra
2-D geometry and measurement
Graphing and data analysis
Problem solving

Science

Earth, life & physical sciences:
The Scientific Method
Ecology & Ecosystems
The Solar System
Motion & force
Matter & energy
Magnetism and Weather

Hands-on Laboratory

Students are taught each science class in a working science lab dedicated to 5th grade science.

Technology

Keyboarding
Internet safety (Digital Citizenship)
Microsoft Word Basics
Microsoft PowerPoint Basics
Microsoft Excel Basics
Noodlebib
Webquest

Classroom Integration

Technology is integrated into the classroom experience and enhanced with COWS (Computers on Wheels) and the use of a computer lab.

MIDDLE SCHOOL

6th GRADE

Humanities: Literature

Independent reading
Reading comprehension
Oral presentations
Short story
Poetry
Non-fiction & historical fiction
Literary terms
Fantasy & realistic fiction
Overview—Parts of speech
Punctuation & mechanics for academic writing
Vocabulary—Classical Roots
The Writing Process/6 Traits Writing Program
NOVELS: *The Outsiders*
Good Masters, Sweet Ladies
Bronze Bow

Humanities: History

Chronological Order
Cause & Effect
Poetry
Map reading & timelines
Civilizations:
Ancient Mesopotamia, Egypt & Greece
Judaism
Ancient Greece & Greek Mythology
Early Americas
Roman Republic, Rome & Christianity
Early African civilizations
Medieval Europe
Creative Writing, Essay Writing

Foreign Language

Latin & French Enrichment
Basic grammar
Vocabulary
Language study habits
Culture

Enrichments

Physical education
Integrated Health Plan
Art
Advisory
Exago: Christian Principles for Life
Music—Choice of:
Instrumental Music
Vocal Music

Math 6

Application of operations with decimals & fractions
Ratio, proportion & percent
Statistics & probability
Geometry
Equations with rational numbers
Integers
Problem solving

Advanced Math 6

Application of operations with decimals & fractions
Ratio, proportion & percent
Statistics & probability
Geometry
Equations with rational numbers
Integers
Application of operations with rational numbers
Inequalities
Problem solving

Science

Earth & Life Sciences:
Minerals & rock
Weathering
Erosion & deposition
Landforms
Plate tectonics
Earthquakes & volcanoes
Fossils
Astronomy
Cells & microbes
Ecology
Bacteria & viruses
Animal adaptations & habitat

Technology

Keyboarding
Internet safety (Digital Citizenship)
Microsoft Word
Microsoft PowerPoint
Microsoft Excel
Microsoft Publisher
Webquest
Webmail account

Classroom Integration

Technology is integrated into the classroom experience and enhanced with COWS (Computers on Wheels) and the use of a computer lab.



7th GRADE

Humanities: Literature

Poetry & short stories

Drama

Non-fiction

Independent reading

Oral presentations

Literary terminology & analysis

Creative writing

Extensive computer integration

Critical thinking skills

Grammar embedded in writing

Composition skills

Writing Portfolio

Research skills

Weekly journal writing

Vocabulary—Classical Roots

6 Traits Writing Program

NOVELS: *To Kill a Mockingbird*

The Giver

Shane

Three Cups of Tea

Humanities: Geography

Physical & political geography

Map & graph skills

Reference skills

Organizational skills

Critical thinking skills

Essay

Planet Earth & Google Earth

Climate, environment & resources

World geography:

The World's People

Europe & Russia

Southwest & Central Asia

Africa

South & East Asia

The Pacific

Foreign Language

FRENCH 7: Communication, comprehension skills, basic vocabulary, verbs, grammar, beginning readings.

FILM: *Au Revoir Les Enfants*

LATIN 7: Vocabulary, derivatives, syntax, grammar & culture, language study skills

SPANISH 7: Reading, writing, speaking, culture, vocabulary & grammar, language study skills

Math 7

Application of operations with rational numbers

Equations with rational numbers

Ratio, proportion & percent

Data analysis & statistics

Geometry

Measurement

Problem solving

Pre-Algebra

Multi-step equations with rational numbers

Multi-step inequalities with rational numbers

Linear equations in two variables

Functions & graphing

Application of proportion & percent

Polynomials

Problem solving

Life Science

Cell processes & cell reproduction

Creation & evolution

Basic genetics



Classifying living organisms

Seed plants & plant process

Animals & animal behavior

Ecosystems

Anatomy & body system

General dissection

Microbiology, viruses, bacteria & protists

Scientific method

Human health

Enrichments

Physical education

Integrated Health Plan

Advisory

Performing Arts—Choice of:

Art, Band, Vocal Music, Drama or Bible

Technology

Tablet PC Program—Year 1

Virtual textbooks (n/a in all subjects)

Wireless access

Access to grades on-line

Webmail account

Noodlebib

MIDDLE SCHOOL

8th GRADE

Humanities: Literature

Short stories, non-fiction & poetry, drama
Independent reading
Oral presentations
Media literacy
Vocabulary—Classical Roots
Composition skills for academic writing
Grammar embedded in writing
Research paper & SAT writing practices
Vocabulary—Classical Roots
Writing portfolio
6 Traits Writing Program
Creative writing
NOVELS: *Peace Like a River*
Romeo and Juliet
Night
Warriors Don't Cry

Humanities: History

Civics: Constitution & Government
The New Republic
Manifest Destiny
Civil War & The Rise of Industry
Immigration & New York City
U.S. Role in Wars of the 20th century
Civil Rights, Space exploration
Cold War
Expository writing
Essays
Primary Source

Foreign Language

FRENCH 8: Communication, comprehension skills, advanced readings, passé compose, culture, Bible verses & poetry in French

LATIN 8: Vocabulary, derivatives, syntax, grammar & culture, language study skills

SPANISH 8: Review, guided conversations, past and future tenses & writing, language study skills

Enrichments

Physical education
Integrated Health Plan
Advisory
Performing Arts—Choice of:
Art, Band, Vocal Music
Drama or Bible

Technology

Tablet PC Program—Year 2
Virtual textbooks (n/a in all subjects)
Wireless access
Access to grades on-line
Webmail account
Extensive integration of technology

Pre-Algebra

Multi-step equations with rational numbers
Multi-step inequalities with rational numbers
Linear equations in two variables
Functions & graphing
Application of proportion & percent
Polynomials
Problem solving

Algebra I

Multi-step equations and inequalities
Linear functions
Systems of linear equations and inequalities
Exponential functions
Polynomials
Factoring
Quadratic functions and equations

Radical expressions and equations
Rational expression and functions
Data analysis and probability
Trigonometric functions
Problem solving

Algebra I (H)

Multi-step equations and inequalities
Linear functions
Systems of linear equations and inequalities
Exponential functions
Polynomials
Factoring
Quadratic functions and equations
Radical expressions and equations
Rational expression and functions
Absolute value functions
Trigonometric Functions
Conic sections & matrices
Data analysis and probability
Problem solving

Physical Science

Scientific method
Lab safety & equipment
Metric measurements in science
Motion, force, energy, machines
Matter: Patterns, changes & chemical bonding
Atomic structure
Periodic table of elements
Solutions
Acids, bases & salts
Chemical reactions

Advanced Science — Chemistry (1st semester)

Science skills
Properties of matter
States of matter

Atomic structure
Periodic table
Chemical bonds
Chemical reactions
Solutions, acids, and bases

Advanced Science — Physics (2nd Semester)

Motion
Forces and motion
Forces in fluids
Work, Power, and machines
Energy
Thermal Energy and heat
Mechanical waves and sound
The Electromagnetic spectrum and Light



Upper School Academic Notes

Students must earn 24 total credits for Upper School graduation including:

- ▶ 4 English
- ▶ 4 Mathematics
- ▶ 3 Science
- ▶ 3 Social Studies
- ▶ 2 Foreign Language
- ▶ 1 Fine & Performing Arts
- ▶ 1/2 Technology
- ▶ 1 Physical Education
- ▶ 1 Religion
- ▶ 4 1/2 Electives

UPPER SCHOOL

ENGLISH (4 credits required)

The English curriculum in literature is based on the goal of developing critical readers who have strong analytical and composition skills. Sequential courses offer the continuing practice of grammar skills, the addition of an extensive vocabulary, and the development of strong research and writing skills.

English electives provide an opportunity to study specific areas of literature and to strengthen student writing skills. Independent study courses are available in the area of journalism.

Course Options

English I or English I Honors (9th)
English II or English II Honors (10th)
English III or AP English Language (11th)
English IV or AP English Literature (12th)
Speech* (9th-12th)
Shakespeare Survey* (10th-12th)
Writing Process* (12th)

*one semester course

MATHEMATICS (4 credits required)

The mathematics curriculum is designed so that students learn to:

- ▶ Read, write and orally communicate mathematical concepts.
- ▶ Organize, analyze, depict and interpret data to make decisions and predictions related to real world situations.
- ▶ Solve theoretical and practical problems using essential concepts of algebra, geometry, probability and statistics.
- ▶ Comprehend the relationships between mathematics, the sciences and technology.

Topics in each class are presented numerically, graphically, analytically and verbally to enhance the learning experience. AP courses in calculus and statistics follow the topic outlines set by the College Board for their respective disciplines. Graphing calculator competencies increase with each grade level and students are exposed to the latest math software each year.

Course Options

Algebra I or Algebra I Honors (8th-9th)
Algebra II or Algebra II Honors (9th-11th)
Geometry or Geometry Honors (10th-11th)
Pre-Calculus or Pre-Calculus Honors (11th-12th)
AP Statistics (11th-12th)
Calculus or AP Calculus (11th-12th)
Advanced Math Topics (12th)

SCIENCE (3 credits required)

Science classes are designed to give students the ability to manipulate collected data in the classroom and the laboratory in order to prove or disprove hypotheses.

Extensive laboratory skills are taught and utilized in upper level classes. AP courses in chemistry, biology and physics follow the topic outlines set forth by the College Board for their respective disciplines. Required laboratory series in these classes prepare students for college laboratory success.

Ecology at FRA provides the opportunity to participate in recycling and other hands-on field experiences.

Course Options

Biology I or Biology I Honors (9th-11th)
Chemistry I or Chemistry I Honors (10th-11th)
Physics I or Physics I Honors (9th-12th)
Biology II or AP Biology (10th-12th)
Chemistry II or AP Chemistry (11th-12th)
Physics II or AP Physics (11th-12th)
Environmental Science (11th-12th)

SOCIAL STUDIES (3 credits required)

Extensive reading and writing are integral for all social studies classes. Note-taking and organizational skills are emphasized. Tablet PCs accelerate the research process and improve writing and material comprehension.

Elective courses vary in length (1-2 semesters) depending on specific course content. Essay skills are emphasized. AP courses allow for intensive coverage of the main topics and additional analysis, writing and comprehension.

Course Options

Ancient History or Ancient History Honors (9th)
World History or AP World History (10th)
U.S. History or AP U.S. History (11th)
Economics* (11th-12th)
Modern American Social Issues* (11th-12th)
American Government* (11-12th)
U.S. History 1820-1900* (11th-12th)
AP European History (12th)
U.S. Presidents (11th-12th)

*one semester course

FOREIGN LANGUAGE (2 credits required)

In French and Spanish students develop abilities to listen, speak, read and write in the foreign language, gaining proficiency throughout the course of study. The main objective is oral and written communication. Advanced courses (Level III and beyond) are taught entirely in the foreign language. Cultural aspects of Francophone and Hispanic civilizations are woven into the curriculum.

Latin and classical courses offer a rigorous study of grammar, vocabulary and reading of the great classical works. In addition, students learn about the culture of ancient civilizations as well as the connections to the modern world and modern languages.

Upper level foreign language courses offer college-level exposure, especially in the four AP courses offered. A number of hosting and travel opportunities are sponsored by the foreign language department, which foster an authentic experience not possible in the classroom.

Course Options

French I (8th-12th)
French II (9th-12th)
French III or French III Honors (10th-12th)
French IV/V Honors (11th-12th)
AP French Language (11th-12th)
Spanish I (8th-12th)
Spanish II (9th-12th)
Spanish III or Spanish III Honors (10th-12th)
AP Spanish Language (11th-12th)
AP Spanish Literature (11th-12th)
Latin I (8th-12th)
Latin II (9th-12th)
Latin III or Latin III Honors (10th-12th)
Latin IV/V Honors (10th-12th)
AP Latin Vergil (11th-12th)
Greek/Latin Derivatives* (10th-12th)
Classical Mythology* (10th-12th)

*one semester course

ARTS (1 credit required)

The Fine and Performing Arts department provides a wealth of opportunities for student participation and performance. Course options include drama, art, pottery and clay design. Performance opportunities include instrumental and vocal ensembles and participation in solo and ensemble competitions at both the regional and state levels. Fine arts classes develop and nurture creative thinking skills. Arts courses provide balance to academic focus and encourage lifelong appreciation of the arts.

Course Options

Art I, II, III or IV (9th-12th)
Advanced Art or AP Art* (10th-12th)
Drama I or II (9th-12th)

*full year course

Course Options (full year each)

Concert Choir (9th-12th)
Vocal Ensemble (9th-12th)
Jazz Ensemble (9th-12th)
Jazz Combo (9th-12th)

TECHNOLOGY (1/2 credit required)

Technology is an integral part of the FRA education. Students use tablet PCs to demonstrate competencies in word processing, spreadsheets, multi-media, web design and internet-based applications. Courses discuss troubleshooting, file management, ergonomics and maintenance techniques as well as image editing, movie making, and graphic design.

Course Options (one semester each)

Technology (9th-12th)
Technology Practicum (10th-12th)
Digital Media (10th-12th)
Computer Science (H) (10th-12th)

ENRICHMENTS (1 religion/1 P.E. required)

Enrichments focus on physical fitness and spiritual life. P.E. classes emphasize the importance of overall fitness and an active lifestyle. Religion courses teach the history and theology of Christianity and other world religions. Life lessons of faith, integrity, character and love are taught from the perspective of Biblical truth.

Course Options (one semester each)

Life of Christ (9th-12th)
World Religions (9th-12th)
New Testament Survey (9th-12th)
Old Testament Survey (9th-12th)
Faith & Film (11th-12th)
Wellness (9th-12th)
Weights/Conditioning (9th-12th)

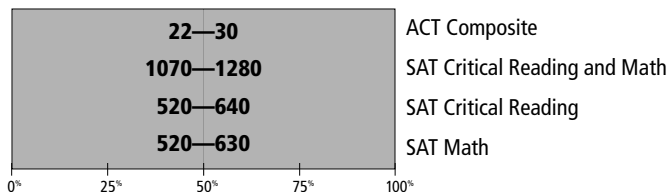
SECONDARY SCHOOL REPORT & ACADEMIC PROFILE

Academic Notes

- ▶ FRA does not rank students except for the top 10 in the class.
- ▶ Students are required to take a minimum of 6 classes each semester, five of which must be academic courses.
- ▶ Students must earn a total of 24 units for graduation: 4 in both English and mathematics; 3 in the sciences and social studies; 2 in foreign language; 1 each in the fine arts, physical education, and religious studies; and 1/2 credit in technology. The remaining units are electives.
- ▶ FRA's transcript includes only courses and grades completed at FRA. If a student entered FRA with high school credits, a transcript from that student's previous school will be attached to the FRA transcript.
- ▶ FRA offers Advanced Placement courses in 16 subjects: English Language, English Literature, Calculus AB, Calculus BC, Statistics, U.S. History, European History, World History, Latin Vergil, French Language, Spanish Language and Literature, Biology, Chemistry, Physics, and Studio Art. For 2011, 96% of students received scores of 3 or higher; 79 exams were taken; the average score was 4.19.
- ▶ Honors sections are offered in most subject areas.
- ▶ Franklin Road Academy is a member of the National Association of College Admission Counseling and complies with the Statement of Principles of Good Practice.

Standardized Test Score Ranges (Class of 2012)

MIDDLE 50% TEST SCORES:



Class Of 2012 Weighted Grade Point Averages (54 Students)

Semesters are averaged equally to arrive at the Cumulative Weighted Grade Point Average, posted on the student's transcript. Grades earned in Honors and Advanced Placement courses are raised by .5 each semester. The grading system at FRA is as follows: A (90-100, 4 pts), B (80-89, 3 pts), C (70-79, 2 pts), F (0-69, 0 pts).



High School Curriculum

Many courses offer both regular and Honors/AP sections. An asterisk(*) following a course title indicates a semester course; A dagger (†) indicates enrichment (non-academic) courses. Other courses meet all year. Curricular emphasis is focused on preparation for collegiate success. Academic course offerings and elective skill courses are consistent with this purpose.

English

English I, I (H)
 English II, II (H)
 English III
 English Lang. (AP)
 English IV
 English Lit. (AP)
 Literature of Africa*
 Shakespeare Survey*
 Speech*
 Writing Process*

Technology

Technology*
 Tech Practicum*

Computer Science (H)*
 Digital Media*

Mathematics

Algebra I, I (H)
 Algebra II, II (H)
 Geometry reg & (H)
 PreCalculus reg & (H)
 Advanced Math Topics
 Calculus reg & (AP)
 Statistics (AP)

Enrichments

Wellness* †
 Weights/Conditioning* †

Religious Studies

Life of Christ*
 World Religions*
 Old Testament Survey*
 New Testament Survey*
 Faith in Film

Social Studies

Ancient Hist. reg. & (H)
 World Hist. reg. & (AP)
 U.S. Hist. reg. & (AP)
 European Hist. (AP)
 Amer. Government*
 Economics*
 U.S. Hist. 1820-1900*

Mod. Amer. Social Issues*
 U.S. Presidents*

Fine Arts

Art I, II, III, IV* †
 Art (AP)†
 Adv. Art* †
 Drama I/II* †
 Concert Choir†
 Vocal Ensemble†
 Jazz Combo†
 Jazz Ensemble†

Foreign Language

French I, II, III reg. & (H),
 IV/V (H), Lang. (AP)

Latin I, II, III (H), IV/V (H),
 Vergil (AP)

Spanish I, II, III reg. & (H),
 Lang (AP), Lit (AP)
 Greek/Latin Derivatives*
 Classical Mythology*

Science

Biology I, I (H)
 Biology II, II (AP)
 Chemistry I, I (H)
 Chemistry II, II (AP)
 Physics I, I (H)
 Physics II, II (AP)
 Environmental Science

College Matriculations 2007 - 2011

All FRA graduates attend college—99% enter four-year institutions. In the past five years, graduates have matriculated to ninety-five different colleges and universities:

Appalachian State University
Arizona State University
Arkansas State University
Auburn University
Austin Peay State University
Baylor University
Belmont University
Berklee College of Music
Birmingham-Southern College
Boston College
Boston University
Brigham Young University
California Institute of the Arts
Centre College
Charleston Southern University
Clemson University
Colby College
Colorado State University
East Tennessee State University
Elon University
Franciscan University
Furman University
Georgia Tech
Goucher College
Harding University
Indiana University
Johns Hopkins University
Lambuth University
Lipscomb University
Louisiana State University
Loyola College, Maryland

Loyola University - Chicago
Martin Methodist College
Massachusetts Institute of Technology
Mercer University
Miami University
Michigan State University
Middle Tennessee State University
Mississippi State University
Morehead State University
New York University
North Carolina School of the Arts
North Carolina State University
Northland College
Ohio State University
Oklahoma State University
O'More School of Design
Pepperdine University
Princeton University
Rhodes College
Rollins College
Salon Professional Academy
Samford University
Savannah College of Art and Design
Southern Methodist University
Stanford University
Syracuse University
Tennessee Technology University
Texas Christian University
Trevecca Nazarene University
Union University
University of Alabama
University of Arizona
University of British Columbia
University of Colorado
University of Dayton
University of Denver
University of Florida

University of Georgia
University of Kentucky
University of Maryland
University of Memphis
University of Mississippi
University of Missouri
University of Nebraska
University of North Carolina - Chapel Hill
University of Notre Dame
University of Oklahoma
University of Pittsburgh
University of Richmond
University of San Diego
University of Southern California

University of Tennessee - Chattanooga
University of Tennessee - Knoxville
University of Texas - Austin
University of the South
University of Virginia
University of West Georgia
United States Military Academy
United States Naval Academy
Vanderbilt University
Virginia Tech University
Wake Forest University
Washington University
Western Kentucky University



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