

LINFIELD CHRISTIAN SCHOOL



2009-2010

Middle School

**CURRICULUM
SUMMARY**

Middle School Elective Offerings

Art

Band

Beginning Spanish

Drama

Keyboarding

Math Tutorials

Academic Competitions

ACSI Art Festivals

ACSI Band Festivals

ACSI Creative Writing Festival

National Geographic Geography Bee

ACSI Math Olympics

ACSI Speech Meet

ACSI Spelling Bee

Riverside County Spelling Bee

Middle School Intramural Sports

Fall

Tackle Football (Boys)

Flag Football (Co-ed)

Volleyball (Girls)

Cross Country (Co-ed)

Cheerleading (Girls)

Spring

Golf (Co-ed)

Soccer (Boys)

Soccer (Girls)

Winter

Baseball (Boys)

Basketball (Boys)

Basketball (Girls)

Softball (Girls)

Cheerleading (Girls)

\$100.00 athletic fee for each sport

Additional \$75.00 – Tackle Football

Super Field Trips

Sixth Grade Astrocamp, Idyllwild, 3 days – 2 nights, \$205.00

Seventh Grade Forest Home Adventure Camp, 3 days – 2 nights, \$200.00

Eighth Grade Washington D.C., 6 days – 5 nights, \$1,900.00

Special Activities

Spirit Days

Double Dare

Ministry Outreaches

Night Crossing

Middle School Social

ELECTIVES

Band (year-long commitment)

This class will form the foundation for the Linfield Christian Middle School instrumental program, which will include Concert, Pep and Jazz Bands. Each student will receive one semi-private lesson per week, and a full-band rehearsal daily during elective period. At least two seasonal performances are planned. Instruction will be available to all students on all wind instruments (flute, clarinet, saxophone, trumpet, trombone, etc.) regardless of experience. *It's never too late to join the band!* Students will be required to obtain their own instrument and performance attire (white, long-sleeved, button-down collared shirt, black dress pants, black socks, black dress shoes). A yearly program fee will apply. We are not currently offering a string program. Students who play the piano, bass, guitar or drums may be considered, as needed, by audition only. Contact Mr. Knechtel for more information.

Drama (year-long commitment)

Drama is a course designed to introduce students to the theater. It is a performance based course that includes acting, singing, and dancing. Through this process, basic theater terminology will be introduced as well as stage instruction and performance techniques. This group of students may also be performing in the high school spring musical and organizing "That's Entertainment" as a production project for their fellow students. They will be performing in chapel for the middle school and elementary at various times during the year as well as the Christmas program. Through monologues, improvisation and scene work the students will begin to explore the world of theater.

Science Olympiad (year-long commitment)

The Science Olympiad is an international nonprofit organization devoted to improving the quality of science education, increasing student interest in science and providing recognition for outstanding achievement in science education by both students and teachers. These goals are accomplished through classroom activities, research, training workshops and the encouragement of intramural, district, regional, state and national tournaments. The Science Olympiad tournaments are rigorous, academic, interscholastic competitions that consist of a series of individual and team events which students prepare for during the year.

Each year there are approximately 22 challenging and motivational events that are drawn from the various disciplines of biology, earth science, chemistry, physics, computers and technology. There is a balance between events requiring knowledge of science facts, concepts, processes, skills and science applications.

Beginning Spanish (semester commitment)

This course will provide an overview of the geography of Spanish-speaking countries as well as the history of the language. Students will learn to understand, speak, read, and write the basics of the language. They will learn greetings; how to describe likes and dislikes, feelings, people, and situations with an emphasis on proper grammar. Students will begin to build a vocabulary for conversational Spanish. While this elective is open to all middle school students, it is subject to limited enrollment. A small fee may be collected for student workbooks.

Introduction to Art 1 (semester commitment)

This class explores elements of Art; line, texture, shape, color, value and composition through painting. Learn basic strategies to explore familiar objects and places in our world.

Technology Labs (semester commitment)

Tech 1 (6th grade) This lab course will focus on typing and basic computing skills. By working on their own individual computer, each student will improve their typing proficiency through personalized exercise, exciting games, and effective one-on-one instruction. Class will also give instruction on various computing skills using certain Office applications.

Tech 2 (7th and 8th grade) This course will introduce more advanced computing skills and give in-depth instruction on computing skills using certain MS Office applications. Course is project based, taking students through the process of design and production of various projects.

Humanities (6th grade, semester commitment, *not offered Semester 2*)

A focus on the study and appreciation of visual and performing arts, literature, and music. This course explores the nature of human creative expression through various art forms. Emphasis is placed on developing self-confidence through expression and creativity.

Critical Thinking (6th grade, semester commitment)

Critical Thinking Lab is a hands-on, exploratory program designed to challenge students' problem solving skills. This class offers students the opportunity to utilize critical thinking, teamwork, strategies, reasoning, and logic skills through games, crafts, explorations, and competitions. Most activities involve group cooperation, an essential life skill!

SIXTH GRADE

Bible

- Weekly memory verses
- In depth study of New Testament books, the Gospels and Acts
- Life of Christ, To the Ends of the Earth, ACSI

Math

Mathematics Concepts and Skills Course 1,
McDougal Littell

- Whole numbers & their properties
- Decimals
- Multiplication and division of whole numbers and decimals
- Data, graphs, and statistics
- Fractions – addition, subtraction, multiplication, and division
- Geometry – geometric figures, measurement, perimeter, area, volume
- Ratio, proportion, percent
- Integers
- Variables
- Life application math skills

Literature/Language

Writer's Choice, Glencoe McGraw-Hill

Daily Oral Language, Houghton Mifflin

Novels: Adam & His Kin, Dragon's Gate,
Wanderings of Odysseus, Bronze Bow

Other Novels: chosen by students from an approved reading list

- Grammar – Parts of Speech
- Spelling
- Punctuation
- Capitalization
- Writing process – prewriting, proof reading, rewriting, reports
- Writing styles – narrative, informative, creative, descriptive, persuasive, research
- Literary Criticism
- Narrative analysis
- Research/Technology
- Journal writing
- Library and Internet skills
- Indefinite pronouns

Science

Science Voyages, Glencoe

- Scientific Formula
- Measurement
- Rocks
- Energy Resources
- Erosion
- Plate Tectonics
- Earthquakes
- Volcanoes
- Atmosphere
- Weather
- Climate
- Oceanography
- Astronomy
- Weekly labs and experiments, summary reports

History

Ancient Civilizations, Holt

- Geography, religion and cultures, economics, ethics, social and political systems
- Hands-on projects, creative writing, literature, research reports
- Mesopotamia
- Egypt
- India
- China
- Israel
- Greece
- Roman Empire
- Christianity and the Fall of Rome

Physical Education

- Physical conditioning and strength training
- Stretching and agility exercises
- Long distance running
- Skill building / strategy formation in several team and individual sports and activities
- Tests on fitness information and game rules

SEVENTH GRADE

Bible

In the Beginning, Explorer Bible Studies

Let God Be God, Purposeful Design Publications

- Weekly memory verses
- Special projects
- Community service/outreach projects
- Scripture focus
 - ✓ God's plan of salvation
 - ✓ The book of Genesis
 - ✓ Attributes of God

Math

Mathematics Concepts and Skills Course 2,
McDougal Littell

- Problem Solving Strategies – order of operations, estimating, rounding
- Decimals – comparing, ordering, addition, subtraction, multiplication, division, scientific notation, metric system
- Statistics and Data Analysis – graphing, tables, ranges, scales, mode, median, mean, line plots, stem-and-leaf plots
- Numeration – factors, divisibility rules, prime factorization, greatest common factor, least common multiple, sequences
- Fractions – mixed, improper, addition, subtraction, multiplication, division
- Introduction to Algebra – equations, inverse operations, algebraic expressions, changing customary units of measure
- Integers – comparing, ordering, coordinate system, addition, subtraction, multiplication, division, exponents
- Geometry – angle measurement, perpendicular lines, bisecting angles, polygons
- Area – square roots, Pythagorean Theorem, area of irregular figures, triangles, trapezoids, circles
- Surface Area and Volume - three-dimensional drawings, surface area of prisms and cylinders, volume of prisms and cylinders
- Ratios and Proportions
- Polynomials – add, subtract, multiply, graph second and third degree equations
- Percents – estimation, percent of change, interest, discount, sales tax
- Probability – tree diagrams, theoretical and experimental, two events
- Functions and Graphs – two-step equations, two variable equations, functions

English

Language of Literature, McDougal/Littell

Discoveries in Literature, McDougal/Littell

Writer's Choice, Glencoe

Novels: Soul Surfer, Esperanza Rising, Bearstone

Other Novels: chosen individually by students from approved reading list

- Poetry
- Short Stories
- Plays
- Folktales
- Daily Journal
- Expository Writing
- Persuasive Writing
- Descriptive and Narrative Writing
- Speaking and Listening Skills
- Library Skills
- Research Reports
- Prepositions
- Conjunctions
- Interjections
- Diagramming Sentences
- Capitalization
- Weekly vocabulary (word roots)
- Introductory internet and word processing skills
- Sentence Structuresingle and compound subjects, single and compound predicates, kinds of sentences, single and compound sentences, complex sentences
- Nouns – Kinds of nouns, singular and compound nouns, possessive nouns, plurals, possessives, and contractions, appositives
- Verbs – Action, linking and helping verbs, transitive and intransitive, compliments, verb tenses, verb phrases, infinitives, gerunds
- Pronouns – Personal, possessive, indefinite, interrogative, reflexive, intensive, antecedents
- Clauses – Adjective, adverb, and noun clauses
- Punctuation – commas, end marks, colons, semicolons, apostrophes, hyphens, quotation marks, italics, abbreviations

History

World History Medieval to Early Modern Times, Holt

- Analyze the geographic, political, economic, religious, and social structures of the civilizations in the Middle Ages and Medieval Times
- Explore the historical developments of the Reformation, Age of Exploration and Age of Enlightenment
- Hands-on projects, research reports, simulations
- Ancient World
- Fall of Rome
- Islam
- West Africa
- China
- Japan
- Middle Ages
- Renaissance
- Reformation of Christianity
- Scientific Revolution
- Maya, Aztec, and Inca
- Age of Exploration
- Enlightenment and Revolution

Physical Education

- Physical conditioning and strength training
- Stretching and agility exercises
- Long distance running
- Skill building / strategy formation in several team and individual sports and activities
- Tests on fitness information and game rules

Science

Science Voyages – Life Science, Glencoe McGraw-Hill

- Origin of life and classification of living things
- Cells, tissues, and organ systems
- Viruses
- Protists and Fungi
- Plants with and without seeds
- Fish and amphibians
- Reptiles and birds
- Mammals
- Sponges, worms, and mollusks
- Skeletal and muscular systems
- Digestive systems
- Circulatory systems
- Respiratory and excretory systems
- Nervous and endocrine systems
- Reproduction and development
- Immunity systems
- Alcohol, tobacco, and drug awareness
- Cycles in nature, biomes, and ecosystems
- Genetics
- Weekly hands-on lab experiments
- Internet research and study
- Group and individual projects
- Microscopes
- Nature of science
- Cell processes
- Cell reproduction

EIGHTH GRADE

Pre-Algebra

Pre-Algebra, McDougal Littell

- Order of Operations
- Exponents
- Number properties
- Linear equations and inequalities
- Absolute value, positive and negative numbers
- Problem solving strategies w/ word problems
- Rational numbers
- Geometric figures
- Ratio and proportion
- Percent
- Graphing in coordinate plane
- Areas and volume
- Algebraic application to geometric figures
- Statistics and probability
- Polynomials – addition, subtraction, multiplication, division
- Solving quadratic equations
- Solving two variable equations

Algebra I

Algebra 1, McDougal Littell

- Variables and equations
- Applications and problem solving
- Absolute value, positive and negative numbers
- Real numbers and their properties
- Problem solving equations and strategies
- Polynomials – addition, subtraction, multiplication, division
- Factoring polynomials
- Algebraic fractions and fractional coefficients
- Ratio and proportion
- Statistics and probability
- Percent
- Exponents
- Two variable equations
- Graphing coordinates
- Linear equations
- Graphing linear equalities and equalities
- Functions
- Inequalities
- Rational and irrational numbers
- Direct and inverse variations
- Quadratic functions and formulas
- Geometry and geometric properties
- Trigonometry and trigonometric ratios

Bible

Early History of Israel, Explorer Bible Studies

Timeless Truth, Purposeful Design

- Weekly memory verses
- Community service/outreach projects
- Special projects
- Scripture focus
 - ✓ Validity and reliability of scripture
 - ✓ Three conditions of man
 - ✓ God's plan of salvation
 - ✓ Patriarchs

English

Explorations in Literature, McDougal/Littell

Writer's Choice, Glencoe McGraw-Hill

- Novels – Things Not Seen, My Brother Sam is Dead, A Night to Remember
- Other novels chosen individually by students from approved reading list
- Daily oral language
- Daily journal writing
- Poetry
- Plays
- Short stories
- Expository writing
- Oral presentations
- Essays
- Creative writing
- Expository writing
- Book reports
- Library and internet skills
- Research reports and projects
- Editing and proof reading
- Sentence structure and diagramming
- Nouns
- Verbs
- Pronouns
- Complements
- Prepositions
- Conjunctions, interjections
- Spelling
- Grammar
- Punctuation

United States History

The American Journey, Glencoe

- Native Americans
- Explorers
- Colonial development
- American Revolution
- Civil War
- Reconstruction
- U.S. Constitution
- Titanic unit and project
- Critical thinking skills
- Debate
- Current events & newspaper articles
- Library and Internet Research
- Major reports and projects
- Washington D.C. trip “Memory Project”
- Music – listen and analyze musical theater

Physical Education

- Physical conditioning and strength training
- Stretching and agility exercises
- Long distance running
- Skill building / strategy formation in several team and individual sports and activities
- Tests on fitness information and game rules

Science

Science Voyages-Physical Science, Glencoe McGraw-Hill

- The Nature of Matter
Scientific Method, Structure of Matter, Energy, States of Matter, the Atom, the Periodic Table
- Chemical interactions
Chemical bond, Chemical reactions, Solutions, Carbon Chemistry
- Forces and Motion
Motion, Force, Newton’s Laws, Work, Simple Machines
- Physical World
Waves, Light, Mirrors and Lenses, Electricity
- Weekly Labs and Demonstrations