

Circle Christian School Summer School Skills Checklist for Grades 9-12

LANGUAGE ARTS

ENGLISH I - IV [The study and development of concepts and skills in English I - IV will be the same for Grades 9 - 12 but will be more in-depth and advanced each year.]

GRAMMAR [Part of Eng. I - IV]
 Source _____
 _Capitalization
 _Punctuation
 _Parts of speech
 _Tenses of verbs
 _Types of sentences
 _Sentence structure
 _Diagramming sentences
 _Other _____

VOCABULARY [Part of Eng. I - IV]
 Source _____
 _Root / Base word study
 _Definitions / Word meanings
 _Context clues for meaning
 _Verbal analogies / Word relationships
 _Other _____

COMPOSITION [Part of Eng. I - IV]
 Source _____
 _Techniques of writing
 _Writing process / Rough drafts / Final
 _Paragraphs
 _Summaries
 _Book reviews / reports
 _Essays
 _Research paper writing
 _Journalistic writing / Journals
 _Poems
 _Stories
 _Playwriting / Screenwriting
 _Other _____

STUDY SKILLS [Part of Eng. I - IV]
 _Organizational skills
 _Note-taking skills
 _Study strategies
 _Other _____

RESEARCH SKILLS [Part of Eng. I - IV]
 _Purpose of research topic
 _Investigation of topic
 _Information sources
 _Collection of data
 _Idea formulation / Outline
 _Idea development
 _Conclusion
 _Final presentation
 _Oral presentation
 _Other _____

SPEECH SKILLS [Part of Eng. I - IV]
 _Techniques
 _Informal presentation
 _Formal presentation

_Listening skills
 _Other _____
 _Other _____

LITERATURE ANALYSIS [Part of Eng. I-IV]
 Source _____
 Types / Elements of
 _Autobiographies
 _Biographies
 _Ballads
 _Drama / Plays
 _Essays
 _Myths / Legends
 _Novels
 _Parables / Allegories
 _Poetry
 _Short stories
 Literary terms _____

Styles
 _Fiction
 _Nonfiction
 Style of reading
 _Critical / Exact
 _Interpretive / Explanatory
 Development / Structure of
 _Theme / Purpose of theme
 _Moral tone / Feeling / Mood
 _Characters / Characterization
 _Speaker / Point of view
 _Setting
 _Plot / Conflict
 _Other _____

"MAIN" AUTHORS STUDIED
 American Literature

 British Literature

 Classical Literature

 Contemporary Literature

World Literature

MEDIA ANALYSIS [Part of Eng. I - IV]
 _Electronic media
 _Mass media
 _Propaganda techniques
 _Persuasive techniques
 _Evaluation of media types

CRITICAL THINKING AND STUDY SKILLS

Bk. Publisher _____
Ch. _____ / **Pgs.** _____
 _Time-management skills
 _Note-taking skills
 _Test-taking skills
 _Organizational skills
 _Study strategies
 _Reading strategies
 _Listening skills
 _Critical thinking skills
 _Other _____

SEMANTICS AND LOGIC

Bk. Publisher _____
Ch. _____ / **Pgs.** _____
 _Common logical fallacies
 _Fact and opinion distinction
 _Analysis of persuasion techniques
 _Application of persuasion techniques
 _Analysis of inductive reasoning forms
 _Analysis of deductive reasoning forms
 _Written logical processes
 _Semantic concepts of language
 _Other _____

SPEECH I

Bk. Publisher _____
Ch. _____ / **Pgs.** _____
 _Skills of oral communication
 _Forms of oral communication
 _Effective listening techniques
 _Techniques of group discussion
 _Analysis of audience
 _Types of listeners
 _Evaluation of speeches
 _Evaluation of techniques
 _Other _____

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MATH & COMPUTER

PRE-ALGEBRA (7th or 8th)

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Equations
- Inequalities
- Geometry / Algebra relationship
- Graphing
- Number theory
- Polynomials
- Probability
- Problem-solving strategies
- Ratio
- Proportion
- Percent
- Real number operations
- Statistics
- Use of calculators
- Use of computers
- Other _____

ALGEBRA I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Variables
- Structure of real number system
- Properties of real number system
- 1st degree equations
- 1st degree inequalities
- Relations and functions
- Graphs
- System of linear equations
- System of inequalities
- Integral exponents
- Polynomials
- Factoring
- Algebraic expressions
- Rational numbers
- Irrational numbers
- Radical expressions
- Quadratic equations
- Other _____

ALGEBRA II

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Structure of real number system
- Structure of complex number system
- Equations
- Inequalities
- Relations and functions
- Graphs
- System of equations
- System of inequalities
- Polynomial functions
- Rational algebraic expressions
- Irrational algebraic expressions
- Rational exponents
- Logarithmic functions
- Exponential functions
- Permutations
- Combinations
- Probability
- Arithmetic and geometric sequences

- Arithmetic and geometric series
- Conic sections
- Other _____

GEOMETRY

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Logic
- Deductive arguments
- Undefined terms
- Similarity
- Congruence
- Parallelism
- Perpendicularity
- Segments
- Angles
- 2-Dimensional figures
- 3-Dimensional figures
- Perimeter
- Area
- Volume
- Constructions
- Coordinate geometry
- Transformations
- Other _____

FINANCIAL ALGEBRA

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Structure of real number system
- Properties of real number system
- 1st degree equations
- 1st degree inequalities
- Relations and functions
- Graphs
- System of linear equations
- System of inequalities
- Integral exponents
- Polynomials
- Factoring
- Algebraic expressions
- Rational numbers
- Irrational numbers
- Radical expressions
- Quadratic equations
- Budget plan
- Evaluating taxes
- Savings/Investments
- Using Credit – APR & Fees
- Insurance Types & Risks
- Other _____

TRIGONOMETRY

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Angles
- Circular functions and inverses
- Trig functions and inverses
- Trig identities
- Graphs of trig functions and inverses
- Trig equations
- Solutions of right triangles
- Solutions of oblique triangles
- Trig form of complex numbers
- Other _____

PRE-CALCULUS

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Polynomial functions
- Rational functions
- Exponential functions
- Inverse functions
- Logarithmic functions
- Circular functions
- Sequences
- Series
- Vectors
- Conic sections
- Polar coordinate systems
- Symbolic logic
- Mathematical inductions
- Matrix algebra
- Other _____

CALCULUS

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Elementary functions
- Limits and continuity
- Derivatives
- Differentiation
- Application of derivatives
- Antiderivatives
- Definite integrals
- Applications of integrals
- Other _____

FOUNDATIONS OF PROGRAMMING

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Programming Language Components
- Terminology
- Evolution of Programming
- Ethical Responsibilities
- Evaluate arithmetic & Logical expressions
- Identify different types of Operations
- Boolean logic
- Non-iterative and iterative programming
- Compare and contrast languages
- Object-oriented languages
- Problem solving
- Tools used in Software Development
- Stages of Program Life & Development Cycle
- Program Maintenance
- Testing for program quality
- Tools for Testing
- Identify Types of errors
- Unified Modeling Language (UML)
- Write a program
- Security Risks and types of threats
- PIM applications
- Role / Implications in society
- Programming Careers/industry / business
- Other _____

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SCIENCE

BIOLOGY I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Scientific method / Inquiry skills
- Scientific measurement
- Laboratory safety
- Knowledge / Use of lab apparatus
- Cell biology
- Mitosis
- Meiosis
- Punnett Square Crosses
- Biological changes through time
- Classification system
- Taxonomy
- Viruses
- Monerans
- Protists
- Nonvascular plants
- Vascular plants
- Invertebrate animals
- Vertebrate animals
- Human body systems
- Other _____
- Ecological relationships
- Individual
- Populations
- Communities
- Ecosystems
- Technology and society
- Other _____

Labs: _____

HUMAN ANATOMY / PHYSIOLOGY

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Anatomical terminology
- Cells
- Tissues
- Special sensory organs
- Homeostasis
- Disease process
- Immune response
- Heredity
- Molecular mutations
- Cellular mutations
- Organismal mutations
- Genetic disorders
- Other _____
- Systems
- Integumentary
- Skeletal
- Muscular
- Nervous
- Endocrine
- Circulatory
- Respiratory
- Digestive
- Excretory
- Reproductive

Lab: _____

EARTH / SPACE SCIENCE

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Scientific method / Inquiry skills
- Formation of universe / Solar system
- Geological periods / Fossils
- Divisions of the earth
- Land forms / Mountains / Rivers
- Rocks / Minerals
- Soil composition / Erosion
- Water cycle
- Weather / Seasons / Atmosphere
- Oceanography / Ocean currents
- Meteorology / Cloud types
- Space program / Exploration
- Energy resources
- Other _____

Labs: _____

PHYSICAL SCIENCE

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Scientific method / Inquiry skills
- Dynamics
- Classification of matter
- Interaction of matter
- Periodic table
- Forms of energy
- Electricity
- Magnetism
- Light
- Sound
- Chemical interactions
- Nuclear reactions
- Other _____

Labs: _____

CHEMISTRY I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Scientific method / Inquiry skills
- Classification
- Structure of matter
- Periodic table
- Bonding
- Chemical formulas
- Chemical reactions
- Chemical equations
- Behavior of gases
- Physical changes
- Acids
- Bases
- Salts
- Energy and physical changes
- Energy and chemical changes
- Other _____

Labs: _____

PHYSICS I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Scientific method / Inquiry skills
- Kinematics
- Dynamics
- Energy
- Work and power
- Heat and thermodynamics
- Wave characteristics
- Electricity
- Magnetism
- Sound
- Nuclear physics
- Other _____

Labs: _____

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SOCIAL STUDIES

AMERICAN GOVERNMENT

Bk. Publisher _____
Ch. _____ / **Pgs.** _____

- Documents
 - _ Declaration of Independence
 - _ U. S. Constitution
 - _ Bill of Rights
 - _ Other _____
- Executive Board
 - _ Local
 - _ State
 - _ Federal
- Legislative Board
 - _ Local
 - _ State
 - _ Federal
- Judicial Board
 - _ Local
 - _ State
 - _ Federal
- General concepts
 - _ Political parties
 - _ Special interest groups
 - _ Citizens' rights
 - _ Citizens' responsibilities
 - _ Other _____

ECONOMICS WITH FINANCIAL LITERACY

Bk. Publisher _____
Ch. _____ / **Pgs.** _____

- Market place decisions
 - _ Economic reasoning
 - _ Economic principles
- Economic wants
 - _ Roles
 - _ Impacts
- World Economics
- Role of citizen
 - _ Producer & Consumer
 - _ Decision-maker
- Governmental policy
 - _ Role
 - _ Function
- Role of money & financial institutions
 - _ Labor
 - _ Micro-problems
 - _ Macro-problems
- Productive resources
 - _ Scarcity and choices
 - _ Opportunity costs and trade-offs
 - _ Economic incentives
 - _ Specialization
 - _ Comparative advantage
 - _ Division of labor
 - _ Interdependence
 - _ Market process
 - _ Business Cycle Phases
 - _ Budget Plan
 - _ Savings / Investments
 - _ Inflation
 - _ Interest

- _ Employer Benefits
- _ SEC. Federal Reserve
- Earning Income
 - _ Careers
 - _ Labor Market
 - _ Taxes
- Using Credit
 - _ Loans
 - _ Credit reports
- Debt and Bankruptcy
- Buying Goods and Services
 - _ Government laws
 - _ Costs and Benefits
- Protecting and Insuring
 - _ Risk
 - _ Insurance Types
 - _ Federal & State Regulations
 - _ Other _____

AMERICAN HISTORY

Bk. Publisher _____
Ch. _____ / **Pgs.** _____

- _ Interdependence of past / present
- _ Significance of geographic dev.
- _ Comparison of major events, individuals, historical periods
- _ Colonial experience
- _ Revolutionary period
- _ Revolutionary War
- _ Declaration of Independence
- _ U. S. Constitution
- _ Civil War
- _ Reconstruction after Civil War
- _ Federal system
- _ Economic development
- _ Economic issues
- _ Foreign policy
- _ Contemporary issues
- _ Other _____
- Ethnic cultures: past / present
 - _ Political systems
 - _ Economic systems
 - _ Religious beliefs
 - _ Moral beliefs
 - _ Socialization process
 - _ Other _____
- American transformation
 - _ Technological
 - _ Educational
 - _ Urban
 - _ Lifestyles
 - _ Ideals
 - _ Other _____

WORLD HISTORY

Bk. Publisher _____
Ch. _____ / **Pgs.** _____

- _ Interdependence of past / present
- _ Rise of civilization
- _ Development of religions
- _ Impact of religious thought
- _ Nationalism and global effect
- _ Political systems and philosophies
- _ Economic systems and philosophies
- _ Interaction of science and society
- _ Influence of major historical figures
- _ Influence of major historical events
- _ Contemporary world affairs
- _ Other _____

JEWISH HISTORY

Bk. Publisher _____
Ch. _____ / **Pgs.** _____

- _ Maps and time-spatial relationships
- _ Jewish heritage
- _ Jewish life before / after the Revelation
- _ Entrance into the Holy Land
- _ The Monarchy
- _ The two temple periods
- _ Jewish life in America and in Europe
- _ The Holocaust
- _ Zionism
- _ Emergence of a modern Jewish state
- _ Other _____

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MISCELLANEOUS

PERSONAL FITNESS

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Safety practices of sport
- Health / Fitness assessment
- Components of physical fitness
- Health problems associated with inadequate fitness
- Psychological values
- Development of program for individual fitness
- Implementation of fitness program
- Stress management
- Nutritional practices
- Consumer issues
- Fitness activities
- Other _____

FITNESS LIFESTYLE DESIGN

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Positive emotional development
- Communication skills
- Interpersonal skills
- Coping skills
- Responsible decision-making skills
- Nutrition / Weight management
- Consumer knowledge
- Community health resources
- Personal money management
- CPR
- First aid for obstructed airway
- Communicable disease and effects
- Substance use / Misuse
- Other _____

INDEPENDENT SPORT OR TEAM

SPORT I or II _____

Bk. Publisher (if applicable) _____

- Safety practices for sport
- Health-related fitness assessment
- History of sport
- Skills
- Techniques
- Strategies
- Rules of sport
- Consumer issues
- Fitness activities
- Other _____

FOREIGN LANGUAGE

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Listening skills
- Speaking skills
- Reading skills
- Composition skills
- Vocabulary
- Grammar fundamentals
- Grammatical concepts
- Cultural awareness
- Customs of people
- Geography / History of regions represented
- Other _____

FINE ARTS

- Art appreciation
- Art
 - Course: _____
- Dance
 - Course: _____
- Drama / Theater
 - Course: _____
- Music Appreciation
- Music
 - Course: _____
- Other
 - Course: _____

List skills, techniques, and performance opportunities:
