

Circle Christian School Summer School Skills Checklist - 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

CREATIVE WRITING I

Bk. Publisher _____

- __ Analysis of literary model
- __ Impact of audience, purpose, writing mode
- __ Writing process strategies
- __ Personal writing style
- __ Various creative writing experiences
- __ Poetry
- __ Short stories
- __ Plays
- __ Novels
- __ Essays
- __ Nonfiction
- __ Peer review techniques
- __ Other _____

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 _____

Circle Christian School Summer School Skills Checklist - MATHEMATICS & COMPUTER ED.

BUSINESS MATHEMATICS I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Wholesale pricing
- Retail pricing
- Banking services
- Payroll
- Marketing
- Investments
- Taxes
- Bookkeeping
- Accounting
- Statistics
- Business records
- Financial reports
- Insurance
- Other _____

CONSUMER MATHEMATICS

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Review of basic operations on rational numbers
- Purchase of goods and services
- Cost of credit
- Installment buying
- Borrowing money
- Checking accounts
- Loans
- Stocks
- Bonds
- Money market
- Real estate investments
- Wages
- Hourly wage rates
- Deduction on earnings
- Benefits
- Income tax
- Social security tax
- Purchase of automobile
- Automobile maintenance
- Apartment rental
- Purchase of a house
- House maintenance
- Retirement
- Retirement income
- Insurances
- Other _____

EXPLORATIONS IN MATH I [General]

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- “Real” world problems using:
- Number and operation sense
 - Estimation
 - Mental mathematics
 - Algebraic relationships
 - Geometric relationships
 - Measurement
 - Spatial relationships
 - Statistics and probability
 - Functions
 - Ratio and proportion
 - Other _____

APPLIED MATHEMATICS I

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Work-related problems:
- Whole numbers / Basic operations
 - Fractions / Decimals / Percents
 - Square Roots
 - Powers
 - Scientific notation
 - Standard measure
 - Metric measure
 - Graphs
 - Geometric concepts in 1- 2 - 3 dimensions
 - Collection of data
 - Organization of data
 - Representation of data
 - Interpretation of data
 - Prediction of outcomes
 - Problem-solving techniques
 - Problem-solving strategies
 - Other _____

APPLIED MATHEMATICS II

Bk. Publisher _____

Ch. _____ / **Pgs.** _____

- Use of formulas
- Linear / nonlinear equations
- Graphs to solve problems
- Simple statistical methods / probability
- Special right triangle relationships
- Trigonometric ratios
- Multiplying / factoring polynomials
- Solving equations
- Graphing equations
- Functions / relations / their graphs
- Systems of linear equations in two variables
- Application of properties of lines
- Application of properties of angles
- Application of properties of triangles
- Other _____

PRE-ALGEBRA

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

Circle Christian School Summer School Skills Checklist - MATH & COMPUTER ED. pg. 2

- Combinations
- Probability
- Arithmetic and geometric sequences
- Arithmetic and geometric series
- Conic sections
- Other _____

LIBERAL ARTS MATH

- Bk. Publisher** _____
Ch. _____ / **Pgs.** _____
- Exponents / Radicals
 - Algebraic expressions
 - Algebraic polynomials
 - Equations / Inequalities
 - Coordinate geometry
 - Functions / Relations / Graphs
 - Systems of linear equations
 - Systems of linear inequalities
 - Properties of 2D / 3D properties
 - Geometric relationships
 - Data analysis / Probability
 - 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 _____

ANALYTIC GEOMETRY

- Bk. Publisher** _____
Ch. _____ / **Pgs.** _____
- Linear equations
 - Sketching graphs and curves
 - Vectors
 - Conic sections including transformation and rotation of axes
 - Polar form of equations and graphs
 - Parametric equations
 - 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 _____

INTRODUCTION TO COMPUTER

- Bk. Publisher** _____
Ch. _____ / **Pgs.** _____
- Components of computer
 - Terminology
 - Capabilities of computer
 - Limitations of computer
 - Uses of computer
 - Problem solving with computer
 - Software programs
 - Role / Implications in society
 - Careers in computer industry / business
 - Other _____

COMPUTER APPLICATIONS I

- Bk. Publisher** _____
Ch. _____ / **Pgs.** _____
- Simple programming
 - Database management
 - Spreadsheets
 - Word processing
 - Desktop publishing
 - Graphics
 - Integrated packages
 - Authoring language
 - Telecommunications
 - Other _____

COMPUTER APPLICATIONS II

- Bk. Publisher** _____
Ch. _____ / **Pgs.** _____
- Advanced applications:
- Word processing
 - Spreadsheets
 - Database management
 - Integrated software packages
 - Problem solving with applications
 - Other _____

Circle Christian School Summer School Skills Checklist - 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 _____

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: _____

Circle Christian School Summer School Skills Checklist - 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

Bk. Publisher _____

Ch. _____ / Pgs. _____

- Market place decisions
 - _ Economic reasoning
 - _ Economic principles
- Economic wants
 - _ Roles
 - _ Impacts
- 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
 - _ Savings / Investments
 - _ 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 _____

WORLD CULTURAL GEOGRAPHY

Bk. Publisher _____

Ch. _____ / Pgs. _____

- Physical geography / relationship to
 - _ Economics
 - _ Politics
 - _ Society

- _ Culture
- _ History
- _ World resource
- _ Population and growth
- _ Technology
- _ Other _____
- Interrelationship & interdependence of
 - _ World cultures
 - _ Races
 - _ Religions
- Geographical characteristics of
 - _ Western Europe
 - _ Eastern Europe
 - _ Russia
 - _ North Africa
 - _ Sub-Sahara Africa
 - _ Middle East
 - _ Asia
 - _ Anglo-America
 - _ Latin America
 - _ Oceania
 - _ Other _____
- Skills and use of
 - _ Maps
 - _ Globes
 - _ Graphs. tables, charts

WESTERN CIVILIZATION

Bk. Publisher _____

Ch. _____ / Pgs. _____

- Classical / Medieval / Modern Period
- _ Architecture
- _ Art
- _ Drama
- _ Economic / Political theory
- _ Literature
- _ Music
- _ Philosophy
- _ Religion

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 _____

Circle Christian School Summer School Skills Checklist - 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 _____

LIFE MANAGEMENT SKILLS

- 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:

TITLE OF OTHER COURSE:

Source _____

