

Andrews Academy

5th Grade Curriculum

Language Arts

- Reading

Decoding words in unfamiliar form

Critical thinking: observe, brainstorm, analyze, classify, compare/contrast, visualize, evaluate, synthesize,

Strategic reading: fiction, nonfiction, decoding, details, vocabulary, making inferences

Novels

Comprehension: word meanings, context clues, expression, scanning, details, cause/effect, conclusions, making references, fact/opinion, author's purpose and viewpoint, main idea, judgments, paraphrase, predict, sequence, summarize

Story elements

Vocabulary: key words, context clues, decoding

Literary appreciation: elements, author's craft/technique, author's writing style and devices

Literary forms/genre

Nonfiction and poetry

Multiculturalism

- Writing

Original writing: stories, journals, poetry, speeches, reports, letters, creative writing

Mechanics: punctuation, theme, capitalization, grammar, spelling, organization

Sentence structure

Revision and proofreading

Writing in relation to content areas

- English

Sentences: grammar and usage, subjects and predicates, mechanics, interrogative sentences, imperative sentences, complex sentences

Nouns and pronouns

Verbs and verb tenses

Adjectives and adverbs

Prepositions, conjunctions, interjections

Writing conversations

Capitalization and punctuation

Titles and initials

Vocabulary

Compositions

Writing process

Literary models: narratives, poetry form, speeches, news articles, story form

Study skills: dictionaries, reference works, strategies, note-taking, sources of information

Research skills

Writing styles and devises

Thinking and reasoning skills

Speaking and listening

- Handwriting: cursive

Application in writing

- Spelling

Consonants

Clusters

Digraphs

Short and long vowels

Prefixes and suffixes

Word parts and structure

Inflections

Syllabication

Dictionary skills

Proofreading

Vocabulary development

Spelling related to grammar

Spelling application

Mathematics

- Understanding numbers: whole numbers through billions,

comparing, ordering, rounding, interpreting data from tables and graphs

- Addition and subtraction of whole numbers: three to six digit numbers

- Multiplying whole numbers by one and two digit factors

- Large number multiplication

- Dividing whole numbers by one and two digit divisors

- Dividing large numbers

- Multiplication and division facts

- Choosing the correct operation

- Geometry

- Fractions and mixed numbers: greatest common factor, least common multiple, renaming mixed numbers

- Fractions: computation

- Estimation

- Decimals to thousandths: computation

- Multi-step problem solving

- Ratio, percent, probability

- Mean, median, range, average, mode

- Graphing: line, bar, pie

- Measurement: time, volume, capacity, mass, length, temperature, weight, metric and customary units

- Perimeter and circumference

- Money: computation and problem solving

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5th Grade Curriculum

Social Studies – United States History

- Colonial life
- American Revolution
- Government and Constitution
- Growth of the nation
- Civil War
- Reconstruction
- United States and the world
 - World War I
 - World War II
 - 21st Century
- Maps, globes, atlases
- Culture Fair project
- Current events

Science

- Life Science
 - Comparing living things
 - Living/non-living
 - Classifying
 - Reproduction and change: growth and reproduction of organisms
 - Ecology
 - Ecosystems
 - Energy and ecosystems
 - Natural cycles
- Physical Science
 - Classifying matter
 - Elements, compounds, mixtures and solutions
 - Physical properties
 - Chemical properties
 - Motion
 - Speed and velocity
 - Forces, gravity, friction
 - Forms of energy
- Earth Science
 - Earth's resources
 - Renewable and nonrenewable
 - Water, land, air
 - Climate
 - Water cycle
 - Sun and climate
 - Astronomy
 - Solar system
 - Stars
 - Universe
- Human Body: respiration and excretion
- Microscopes: parts and function
- Science Fair project:
 - application of Scientific Method,
 - guided individual planning and
 - execution of an experiment

Spanish

- Vocabulary with articles
- Grammar: feminine and masculine, punctuation, conjugation, definite and indefinite articles
- Spelling rules
- Comparing English words to Spanish
- Listening comprehension
- Speaking: pronunciation, conversations
- Reading and writing vocabulary
- Culture: regions, holidays and celebrations, songs, games, food, Latin American people, Incas, Aztecs, Mayans, short stories
- Cross-curricular activities

Music

- Rhythm
- Melody and pitch matching
- Pitch reading
- Form
- Tone color
- Harmony: rounds, partner songs, descants, counter-melodies, ostinato
- Expressive elements: tempo, dynamics, style
- Music appreciation and listening
- Performance skills
- Multicultural awareness
- Composer study
- Historical American music: correlation to Social Studies

Art

- Drawing: perspective, contour, portraits
- Painting: watercolor, tempera
- Ceramics
- Design: uniformity, spacing, composition
- Fabric: weaving, soft sculpture
- Color: monochromatic, hues, tints, opaque, transparent, mood, complementary
- Computer drawing
- Artist study

P.E.

- Team Sports: soccer, flag football, floor hockey, basketball, volleyball, team handball, softball, lacrosse
- Individual sports: Frisbee, floor tennis, archery, track and field, jump rope, tumbling
- Lifetime recreational games
- Rhythm and dance
- Fitness and endurance
- Interscholastic sports
- Good sportsmanship

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Computer

- Skills application
 - Math
 - Problem solving
 - Science simulation
- Word processing
- Creative writing
- Power Point
- Keyboarding
- Internet use
 - Search engines, advanced
 - Online products
- Internet safety

Library

- Electronic catalog searches
- Fiction and nonfiction
- Dewey Decimal System
- Reference collection
- Biography and autobiography
- Periodicals
- Evaluation and selection
- Research skills: print and Internet
- Research for reports
- Listening and viewing skills: discussion techniques, interpretation, summary
- Literature appreciation: genre
- Award literature
 - Newbery Award books
 - Mark Twain Award books
- Terms and concepts: parts of a book
- Book talks