

Appleton Area School District – Curriculum at a Glance

	<u>Kindergarten</u>	<u>First Grade</u>	<u>Second Grade</u>	<u>Third Grade</u>	<u>Fourth Grade</u>	<u>Fifth Grade</u>	<u>Sixth Grade</u>	<u>Seventh Grade</u>	<u>Eighth Grade</u>
Communication Arts <ul style="list-style-type: none"> • Reading • Writing • Speaking • Listening 	Letter/sound connection. Phonics. Story structure. Nursery rhymes, counting books, fairy tales, poetry, pattern books, author studies. Upper and lowercase letters. Writing about experiences, stories, people, and objects. Speaking in complete sentences using logical order. Group discussions.	Beginning/middle/end blending sounds. Phonics, meaning, and language cues to self-correct. Fantasy and animal stories, fairy tales, pattern books, poetry. Organization of ideas for writing a clear message. Beginning/middle/end of story. Capitalization and punctuation. Creative dramatics.	Phonics. Prefixes and suffixes. Reading comprehension strategies. Realistic and humorous fiction, legends, biography/autobiography. Prewriting and planning strategies for writing. Correct story structure. Correct spelling of frequently used words. Editing. Writing of letters, stories, and reports. Oral presentations.	Prefixes and suffixes. Reading comprehension strategies for expository text. Realistic fiction, mysteries, fables, folk tales, poetry forms. Writing process: prewriting, revision, and editing. Dialogue. Written reports, stories, and folk tales. Persuasive writing. Oral presentations.	Book talks and literature circles. Reading comprehension strategies. Tall tales, legends, information books, historical fiction, animal fantasy. Literary techniques and fluency in writing. Editing. Written summaries, informational essays, reports, poetry, reflections. Basic keyboarding. Oral presentations.	Interpretation and evaluation of literature. Reading comprehension strategies. Historical fiction, autobiographies/biographies, famous speeches. Purpose and audience of written work. Editing. Essays that persuade, compare and contrast. Written reports, narratives, poetry, plays. Gestures, eye contact, and inflection to reinforce oral message.	Analysis of style and characteristics of selected authors. Recurring literary themes, bias, and persuasive techniques. Science fiction, essays, editorials, mythology. Varied, complex sentence structure when writing. Effective usage of parts of speech. Editing. Self-analysis of small group participation.	Self-selected and teacher-selected classic and contemporary literature. Reading skills: comparison/contrast, sequence, charts and graphs. Thesis question/statement. Research with outline and bibliography. Writing focus: format, sequence, precise language, terms of comparison. Audience feedback to improve presentations.	Analysis of historical fiction, science fiction, poetry, essay, drama, biography/autobiography, and short story. Reading skills: evaluation, chronology, cause/effect, tables and timelines. Narrative and expository writing, research. Writing focus: cause/effect, hypothesizing, connecting, synthesizing, grammar. Using notes or outline in oral presentations.
Mathematics	Numbers and quantities to 30. Simple addition and subtraction. Common geometric objects. Measurement (length, weight, liquid capacity, time, money, temperature). Sorting and classification. Patterns. Data and record keeping.	Numbers and quantities to 100. Addition and subtraction to 100. 2- and 3-dimensional objects. Non-standard units (length, weight, volume.) Time (nearest ½ hour). Money (names/values of coins, combinations). Symbols (+, -, =). Problem-solving strategies. Graphs and charts.	Numbers and place values to 1000. Addition and subtraction of 2- and 3-digit numbers. Geometric shapes. Patterns. Standard units of measurement. Order and grouping. Number comparisons. Equations. Problem-solving strategies. Money (coin combination values). Time (to 5 minutes). Interpretation of numerical data, tables, graphs. Simple probability.	Numbers and place values through hundred thousands. +, -, x and ÷ of whole numbers. Simple fractions and decimals. Measurement to specific degrees of accuracy. Money (making change). Relationships between 2 quantities. Symmetry, congruence, and similarity of polygons. Problem-solving strategies. Data collection. Simple probability predictions.	Numbers and place values through millions. + and – of fractions & decimals. 2- and 3-dimensional objects. Multi-digit multiplication & division. Coordinate system. Metric/U.S. Customary units (length, mass, capacity). Number expressions & sentences. Problem-solving strategies. Interpretation of numerical and categorical data. Patterns, functions, graphs.	Numbers and place values through billions. +, -, x and ÷ of whole numbers, fractions and decimals. Properties and relationships between 2- and 3-dimensional geometric figures. Ordered pairs. Perimeter, area, mass and volume. Variables in simple expressions. Problem-solving strategies. Mean, median, and mode. Simple statistical analysis.	Comparisons among whole numbers, fractions, decimals, and mixed numbers. Lines, planes, and solids. Geometric formulas, constructions, transformations. Mathematical expressions and equations. Problem-solving strategies. Functions. Samples of populations. Statistical measurement. Measurement (conversions).	Positive and negative numbers. Two-dimensional coordinate plane (points, lines, figures). Geometric constructions. Surface area and volume (rectangular prisms and cylinders). Pythagorean Theorem. Measurement (conversions). Order of operations. Linear equations & inequalities. Problem-solving strategies. Characteristics and limitations of data samples. Theoretical and experimental probability.	Irrational numbers (π , $\sqrt{}$). Complex 2- and 3-dimensional figures. Transformations. Constructions (parallel and perpendicular lines). Converse of Pythagorean Theorem Algebraic properties. Algebraic expressions and linear equations. Problem-solving strategies. Linear and nonlinear graphs. Critical analysis of data in graphs, tables, and charts.
Science	Classify objects. Observe the growth cycle of plants and animals. Use the scientific process to make observations, ask questions, and make predictions.	New plants. Pebbles, sand, and silt. Balance and motion. Collecting, organizing, and interpreting data. Scientific process.	Insects. Air and weather Solids and liquids. Collecting, organizing, and interpreting data. Scientific process.	Structures of life. Earth materials. Simple machines. Measurement. Collecting, organizing, and interpreting data. Scientific process.	Human body. Water. Magnetism and electricity. Ideas and inventions. Collecting, organizing, and interpreting data. Scientific process.	Food and nutrition and effects on the body systems. Landforms. Mixtures and solutions. Variables. Collecting, organizing, and interpreting data. Scientific process.	Environments. Matter and energy. Weather and water. Models and designs. Collecting, organizing, and interpreting data. Scientific process.	Elements, matter, cells. Forms of energy, energy conversions, food chains. Water cycle, ecosystems, environmental issues. Human body.	Genetics, evolution, motion and forces, astronomy, weather.
Social Studies	Personal care. Safety. Behavior. Rules. Responsibilities. Family structure. Basic needs and economic choices. Basic geographic locations. Community helpers. Famous Americans. Patriotic holidays and symbols.	Wants and needs of a family. Family responsibilities and occupations. School helpers and their roles. Homes, occupations and businesses in neighborhoods. Famous Americans. U.S. symbols, historic places, and observance days.	History of the Appleton area: transportation, communication, natural resources, occupations/industry, government, and diverse ethnic heritage. Map and globe skills. Critical analysis and judgments.	Components of a community. Historic Community: Plymouth. Global communities (sister cities): Chinnendaga (Nicaragua), Kanonji (Japan), and/or Kurgan (Russia). Map and globe skills. Critical analysis and judgments.	Wisconsin and the Midwest Region: Native Americans, explorers and fur traders, immigration (1800's to present), state government, agriculture/dairy, lumbering and paper, manufacturing, and geography. Critical thinking.	United States history: Early American before 1775, American Revolution through 1800, Westward Expansion, Civil War, Reconstruction, and Industrial Revolution through 1900. States and regions. Critical thinking.	Canada, Mexico, Central America, the Caribbean, and South America: geography, climate, history, cultural changes, government, economy, and current events. Critical thinking.	Europe, Russia and Northern Eurasia, Southwest Asia, Africa, East and Southeast Asia, South Asia, the Pacific World and Antarctica: geography, climate, history, cultural changes, government, economy, and current events. Critical thinking.	U.S. history introductory survey course: concepts, events, people and the heritage of the United States.

A student's individual program may vary based on special needs.

Science Program Goals

Students in the Appleton Area School District will:

- Know about science themes and connect and integrate them into what they know about themselves and the world around them.
- Realize that scientific knowledge is public, replicable, and continually undergoing revision and refinement based on new experiments and data.
- Realize that science includes questioning, forming hypotheses, collecting and analyzing data, reaching conclusions, evaluating results, and communicating procedures and findings to others.
- Use science to explain and predict changes that occur around them.
- Use science to evaluate consequences in order to make responsible choices.
- Use their knowledge of science concepts and processes in making informed choices regarding their lifestyles and the impact they have on their environment, and enhance their natural curiosity about their environment.
- Understand that science and technology affect the Earth's systems and provide solutions to human problems.
- Use science to analyze topics related to personal health, environment, and management of resources; they will help evaluate the merits of alternative courses of action.

Social Studies Program Goals

Students in the Appleton Area School District will:

- Develop a chronological sense of time, continuity and change, and awareness of geographic place.
- Recognize that history and culture influence a society.
- Discern cause and effect relationships.
- Understand reasons for conflicting ideas and to develop possible resolutions.
- Develop a wider perspective.
- Interpret visually-oriented content.
- Recognize the rights and responsibilities of individuals and of society.
- Analyze and evaluate information/data.
- Understand and practice democratic beliefs.
- Develop an awareness of current affairs.
- Recognize facts and vocabulary pertinent to the grade and/or discipline.

For further information, please contact your child's teacher or the building principal.

For curricular area questions, please contact:

Communication Arts/Social Studies/ World Language

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Mathematics/Science/ Health & Human Performance

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The Appleton Area School District does not discriminate against pupils on the basis of sex, race, color, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability or handicap in its education programs or activities. Federal law prohibits discrimination in employment on the basis of age, race, color, national origin, sex, religion or handicap.

El Distrito Escolar de Appleton no discrimina a los alumnos con motivo de sexo, raza, color, religión, lugar de origen, ascendencia, credo, gravidez, estado civil o de paternidad, orientación sexual, o incapacidad física, mental, emocional, o de aprendizaje o minusvalía en los programas educacionales o actividades. La ley federal prohíbe la discriminación en el empleo por motivo de edad, raza, color, origen nacional, sexo, religión o minusvalía.

Cov tsev kawm ntawm hauv Appleton no txwv tsis pub thum, cem, cais, thiab ua tsis ncaj ncees rau ib tug tibneeg twg vim nws yog pojniam lossis txivneej, nws cev nqaij daim tawv, los yog xim qaij daim tawv ntawm nww haiv neeg, nws txoj kev ntseeg lossis kev dab qhuas, nws haiv neeg, nws caj ces mus rau poj koob yawm txwv, kev lis kev coj, muaj/tsis muaj menyum, muaj/tsis muaj pojniam lossis txiv, muaj/tsis muaj tub ki, kev plees kev yi, lossis puas tes puas taw ntawm cev nqaij daim tawv, kev nyuaj siab ntxov plawv, kev kawm tsis tau lossis ib yam dabtsi qeeb/poob qab ntawm kev kawm. Txoj cai hauv Federal txwv tsis pub thum, cem, cais thiab ua haujlwm vim nws lub hnub nyoog, nws haiv neeg, nws cev nqaij daim tawv, nws caj ces, los yog xim qaij daim tawv ntawm nww haiv neeg, yog pojniam lossis txivneej, nws kev ntseeg los yog kev dab qhuas thiab puas/xaim ib qho dabtsi ntawm cev nqaij daim tawv lossis hauv hlwb (handicap).



Appleton Area School District

Curriculum at a Glance

Kindergarten through Grade Eight

Communication Arts

Mathematics

Science

Social Studies

Communication Arts Program Goals

Students in the Appleton Area School District will:

- Develop a positive attitude toward the communication experience.
- Become independently proficient in reading strategies.
- Understand the role of literature in the human experience and be able to apply this understanding to their own lives.
- Become lifelong readers.
- Communicate verbally and nonverbally in a spontaneous, creative, organized, and fluent manner using an extensive and appropriate vocabulary.
- Apply the writing process to produce a variety of written expressions to accomplish diverse purposes and under varied circumstances.
- Use attentive listening and observation as tools for both academic and social learning.
- Give evidence of multiple thinking modes in all areas of communication (e.g. logical, inferential, creative, problem solving).
- Locate and utilize a wide variety of sources for information and recreation.
- Understand and apply technology in the communication process.

Mathematics Program Goals

Students in the Appleton Area School District will:

- Become mathematical problem solvers.
- Learn to reason mathematically.
- Learn to communicate mathematically.
- Make mathematical connections.
- Become proficient in basic computational skills.
- Learn to use technology appropriately.

A Hmong translation of this document is available at your school office.

Daim ntawv no nws kuj muaj muab pes ua lus hmoob nyob rau ntawm lub hoob kas ntawm koj lub tsev kawm ntawv.

A Spanish translation of this document is available at your school office.

Copias de este documento en Español, se encuentran en la oficina de su colegio.