

### English Language Arts

1. Students are critical readers, listeners, and viewers of a variety of sources and texts, including fiction and non-fiction books, print and non-print media, and speakers.
2. Students read a variety of literature from many periods and genres to build an understanding of the dimensions of human experience.
3. Students employ a variety of strategies as they write and speak, to communicate with different audiences for a variety of purposes.
4. Students understand and consistently use the conventions of standard English when writing and speaking.
5. Students participate as knowledgeable, reflective, creative and critical members of literacy communities.
6. Students conduct research by generating ideas and questions and posing problems. They will gather, evaluate, synthesize, communicate, and reference information and data from a variety of sources.

### Science & Technology

1. Students understand the molecular basis for all life and that all living things change over time.
2. Students understand how living things depend on one another and on non-living aspects of the environment.
3. Students gain knowledge about the earth and the processes that change it.
4. Students gain knowledge about the universe and how humans have learned about it, and about the principles upon which it operates.
5. Students understand that there are similarities within the diversity of all living things.
6. Students understand that cells are the basic unit of living systems.
7. Students understand concepts of energy.
8. Students understand the motion of objects and how forces can change that motion.
9. Students understand the structure of matter and the changes it can undergo.
10. Students apply inquiry and problem-solving approaches in science and technology, and will learn to formulate and justify ideas and to make informed decisions.
12. Students communicate effectively in the application of science and technology.
13. Students understand the history and nature of scientific knowledge and technology and the impacts science and technology have on society and the environment.
14. Students participate effectively in a scientific community.

### Math

1. Students develop number sense related to magnitude, estimation, and the effects of mathematical operations on different types of numbers. Students use forms of numbers that best match a situation.
2. Students compute efficiently and **accurately** as they perform mathematical computations. **Estimation** should always be used when computing with numbers or solving problems.
3. Students make measurements and collect, display, evaluate, analyze, and compute with data to describe or **model** phenomena and to make decisions based on data.
4. Students compute statistics to summarize data sets and use concepts of probability to make predictions and describe the uncertainty inherent in data collection and measurement.
5. Students understand and demonstrate measurement and observation skills to describe objects based on their sizes and shapes. Students use **estimation** to check the reasonableness of results when making or calculating measurements.
6. Students describe objects' sizes and shapes, **model** two- and three- dimensional objects, **solve** problems involving geometric properties, compute areas and volumes, and perform transformations on geometric figures.
7. Students use symbols to represent or **model** quantities, patterns, and relationships and use symbolic manipulation to **evaluate** expressions and **solve** equations.
8. Students **solve** problems using symbols, tables, graphs, and verbal rules choosing the most effective representation and converting among representations.
9. Students reflect upon and explain their reasoning using correct mathematical vocabulary and sound logic.
10. Students correctly apply mathematical concepts, classify figures, and determine the truth of a proposition or argument. Students approximate solutions and verify their answers to justify their results.

### Social Studies

1. Students have an understanding of how the people and events of the past affect our lives today.
2. Students understand their relationship to the people, places, regions, and environments of the world.
3. Students understand various economic systems.
4. Students understand:
  - A) political relationships between countries and different political systems influencing the world today
  - B) the purposes and functions of different types of governments
  - C) the constitutional principles of democracy
5. Students know how to live justly in an unjust world.
6. Students have knowledge of the rights and responsibilities of an involved citizen.
7. Students have knowledge of current and relevant geography.
8. Students understand basic economic concepts and know how to make informed economic decisions.
9. Students understand the effects hope and change have on the human condition.
10. Students understand how they can make a difference.

#### **Physical Education**

1. Students demonstrate an intermediate to advanced competency in motor skills and movement patterns needed to perform at least 3 physical activities.
2. Students demonstrate understanding of movement concepts, principles, strategies and tactics as they apply to the learning performance of at least 3 physical activities.
3. Students participate regularly in physical activities.
4. Students achieve and maintains a health-enhancing level of physical fitness.
5. Students exhibit responsible and social behavior that respects self and others in physical activity settings.

#### **Health**

1. Students comprehend concepts related to health promotion and disease prevention.
2. Students demonstrate the ability to access valid health information and health-promoting products and services.
3. Students demonstrate the ability to practice health-enhancing behaviors and reduce health risks.
4. Students analyze the influence of culture, media, technology, and other factors on health.
5. Students demonstrate the ability to use interpersonal communication skills to enhance their health.
6. Students demonstrate the ability to use goal setting and decision-making skills to enhance health.
7. Students demonstrate the ability to advocate for personal, family, and community health.
8. Students explore independent living skills and current health issues.

#### **Foreign Language**

1. Students engage in conversations, understand and respond to questions using complete sentences, phrases and vocabulary learned in the target language.
2. Students use accurate grammatical constructions in the target language including in oral and written responses.
3. Students use accurate forms of the target language including vocabulary, and/or pronunciation.
4. Students present information, concepts, and ideas to an audience of listeners or readers on a variety of topics.
5. Students recognize and examine the cultural practices, products and perspectives where the target language is spoken and compares these to the student's own culture.
6. Students apply and further their knowledge of other disciplines through the foreign language.
7. Students acquire information, locate authentic resources, and describe ideas about the target language.
8. Students participate in the target language both within and beyond the school setting.

#### **Visual / Performing Arts**

1. Students understand and apply the principles and processes of the arts.
2. Students create, perform, and communicate/express meaning through the arts.
3. Students describe, analyze, interpret, and evaluate their own works/performances and those of others in order to improve their work.
4. Students understand the relationship among the arts, history, and culture.
5. Students make connections between the arts in various media, and to disciplines outside the arts.
6. Students develop an awareness and appreciation of the arts to enrich their lives.