

and how to exercise them in local, state, and national government.

- Understand that, in the United States, the Constitution has continued to be vibrant and relevant through amendments and decisions of the federal courts.
- Understand how individuals, groups, organizations, and governments have addressed obstacles to democratic principles by working within the structure set forth in the Constitution.
- Analyze how the concept of Manifest Destiny influenced the acquisition of land through annexation, diplomacy, and war.
- Be knowledgeable about the Expansion and Reform period (1801-1861) and Civil War and Reconstruction (1850-1877) in the United States.
- Be able to discuss complex and controversial issues and ideas with people of different views, learning to speak with clarity and respectfulness.
- Develop and practice habits of civic engagement and participation in democratic government.
- Describe the roles of political, civil, and economic organizations in shaping people's lives.
- Compare deliberative processes used by a wide variety of groups in various settings in and beyond the United States.
- Analyze how people use and challenge local, state, national, and international laws to address a variety of public issues.
- Apply democratic principles in school and community settings, while also recognizing the challenges and dilemmas inherent to democracy.
- Analyze connections among events and developments in broader historical contexts.
- Analyze multiple factors that influence peoples' perspectives during different historical eras, including race, ethnicity, religion, education, gender, gender identity, sexual orientation, and disability.
- Compare perspectives of people in the past to those of people in the present across multiple sources while clearly distinguishing opinion from fact.
- Analyze the relevance of a source by determining its credibility and intended use.
- Use questions generated about individuals and groups to analyze why they, and the developments they shaped, are seen as historically significant.

Health & Physical Education

- Investigate the physical, social, emotional, and intellectual changes at each life stage and their impact on wellness
- Compare and contrast diseases and health conditions, including hepatitis, STIs, Lyme disease, HIV/AIDS, breast cancer, and testicular cancer
- Analyze the impact of mental illness (e.g., depression, eating disorders, and bipolar disorders) on physical, social, and emotional well-being.
- Describe and demonstrate first aid procedures including situation/victim assessment, CPR, injuries, and illnesses.
- Describe the body responses to stress and management techniques.
- Differentiate among affection, love, commitment, and sexual attraction.
- Determine situations where the use of alcohol and other drugs influence decision-making and can place one at risk.
- Explain the impact of inhalant use and abuse on social, emotional, mental, and physical wellness.
- Describe situations that constitute real life bullying and cyberbullying.
- Demonstrate the correct form, skills, and control during sports-related activities.
- Describe the influence of history and culture on games, sports, and dance.
- Apply offensive, defensive, and cooperative strategies in selected activities, games, or sports.

Visual & Performing Arts

Visual Arts

- Collaboratively shape an artistic investigation of an aspect of present-day life using a contemporary practice of art and design.
- Demonstrate willingness to experiment, innovate, and take risks to pursue ideas, forms, and meanings that emerge in the process of art-making or designing.
- Collaboratively prepare and present selected theme-based artwork for display, and formulate exhibition narratives for the viewer.
- Create a convincing and logical argument to support an evaluation of art.
- Distinguish different ways art is used to represent, establish, reinforce, and reflect group identity.

Music

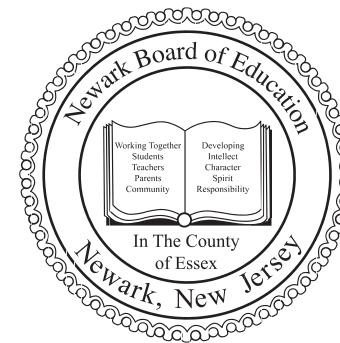
- Present the final version of their documented personal composition, song, or arrangement, using craftsmanship and originality to demonstrate the application of compositional techniques for creating unity and variety, tension and release, and balance to convey expressive intent.
- Perform the music with technical accuracy, stylistic expression, and culturally authentic practices in music to convey the creator's intent.
- Select programs of music (such as a CD mix or live performances) and demonstrate the connections to an interest or experience for a specific purpose.
- Support personal interpretation of contrasting programs of music and explain how creators' or performers' apply the elements of music and expressive qualities, within genres, cultures, and historical periods to convey expressive intent.

Dance

- Define and apply artistic criteria to choreograph a dance that communicates personal or cultural meaning. Discuss how the criteria clarify or intensify the meaning of the dance.
- Sculpt the body in space and design body shapes in relation to other dancers, objects, and environment. Use focus of eyes during complex floor and air patterns or direct and indirect pathways.
- Select a dance and explain how artistic expression is achieved through relationships among the elements of dance, use of body, dance technique and context. Cite evidence in the dance to support your interpretation using genre specific dance terminology.
- Relate connections found between different dances and discuss the relevance of the connections to the development of one's personal perspectives.

Theatre

- Articulate and apply critical analysis, background knowledge, research, and historical and cultural context to the development of original ideas for a drama/theatre work.
- Refine effective physical, vocal, and physiological traits of characters in an improvised or scripted drama/theatre work.
- Perform a rehearsed drama/theatre work for an audience.
- Examine a community issue through multiple perspectives in a drama/theatre work.
- Assess the impact of a drama/theatre work on a specific audience.



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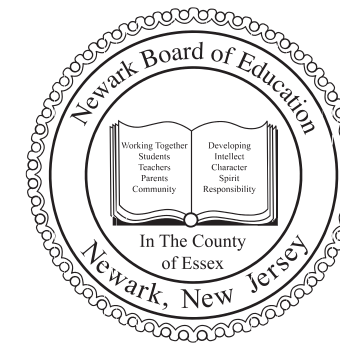
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Through the Lens of Teaching and Learning

Snapshot of Eighth Grade

Newark Board of Education
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Newark, NJ 07102

Dear Parents,

Today is an exciting time to be in school. Your child will learn new and exciting things by reading, writing, problem solving, discussing, asking questions, exploring, and learning by doing. We want all students to meet with success and develop their highest potential. Listed below are some easy ways you can support your child's success in school.

Make sure your child has

- A quiet place to work with good light.
- A regular time each day for doing homework.
- Basic supplies, such as paper, pencils, pens and markers.
- Aids to good organization, such as an assignment calendar, book bag and folders.

Questions to ask your child

- What did you do in school today?
- What is your assignment today?
- Is the assignment clear? (If not, suggest calling a classmate for assistance.)
- When is it due?
- Do you need special resources to complete your assignment (e.g., dictionary, glue, paint)?
- For a major project, would it help to write out the steps or make a schedule?

Other ways to help

- Look over your child's homework, but don't do the homework.
- Meet with teachers early in the year and find out about homework policies.
- Review teacher comments on homework that have been returned and discuss them with your child.
- Contact the teacher if there is a homework problem or need you cannot resolve.
- Congratulate your child on a job well done!

Read - Encourage your child to read. Reading develops vocabulary, knowledge, and a love for books.

Write - Encourage your child to try different types of writing, such as poetry, articles, stories, lists, graphic novels, Instagram posts, or anything of interest. Writing helps learners generate ideas.

Thank you,

Mr. León
Superintendent

- Remain curious.
- Read and write for at least 30 minutes daily.
- Participate in public speaking.
- Perform poetry.
- Read and comprehend literature, including stories, dramas, and poems at grade level text-complexity.
- Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas.
- Analyze and reflect on how a modern work of fiction draws on themes, patterns of events, or character types from myths, traditional stories, or religious works.
- Develop, refine, and extend vocabulary through exposure to literature, historical, scientific, and performing art texts.
- Analyze the structure an author uses to organize a specific text and use these structures to comprehend information.
- Analyze how an author acknowledges and responds to conflicting evidence or viewpoints.
- Analyze and reflect on multiple texts that provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation.
- Identify and analyze recurring themes across literary works.
- Interpret figures of speech through writing, discussion, and enactment.
- Use Greek or Latin affixes and roots to determine the meaning of a word.
- Expand reading vocabulary by identifying and correctly using idioms and words with literal and figurative meanings in speaking and writing.
- Provide effective development of the claim, topic, and/or narrative elements, using clear reasoning, details, text-based evidence, and/or description.
- Use technology to produce and publish writing.
- Conduct research to answer a question, drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.
- Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.
- Maintain consistency in style and tone.
- Clarify pronunciations, meanings, alternate word choice, parts of speech, and etymology of words using the dictionary, thesaurus, glossary, and technology resources.
- Use verbs in the active and passive voice and in the conditional and subjunctive mood to achieve particular effects.
- Form and use verbs in the indicative, imperative, interrogative, conditional, and subjunctive mood.
- Recognize and correct inappropriate shifts in verb and mood.
- Spell grade-appropriate words correctly, consulting references as needed.
- Use previously learned conventions of Standard English correctly.

- Know and apply the properties of integer exponents to generate equivalent numerical expressions.
- Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used.
- Understand congruence and similarity using physical models,

transparencies, or geometry software. For example, verify experimentally the properties of rotations, reflections, and translations.

- Describe the effect of dilations, translations, rotations, and reflections on two-dimensional figures using coordinates.
- Work with radicals and integer exponents.
- Understand the connections between proportional relationships, lines, and linear equations. For example, graph proportional relationships, interpreting the unit rate as the slope of the graph and comparing two different proportional relationships represented in different ways.
- Analyze and solve linear equations and pairs of simultaneous linear equations.
- Define, evaluate, and compare functions. For example, compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions).
- Use functions to model relationships between quantities.
- Understand and apply the Pythagorean Theorem, including explaining a proof of the theorem and its converse.
- Know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real-world and mathematical problems.
- Investigate patterns of association in bivariate data. For example, construct and interpret scatterplots to investigate patterns of association between two quantities and describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association.

- Describe the cycling of Earth's materials and the flow of energy that drives this process.
- Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.
- Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions.
- Design a method for monitoring and minimizing a human impact on the environment.
- Describe the role of gravity in the motions within galaxies and the solar system.
- Analyze and interpret data for patterns in the fossil record that document the existence, diversity, extinction, and change of life forms throughout the history of life on Earth under the assumption that natural laws operate today as in the past.
- Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.
- Construct a scientific explanation based on evidence for the role of photosynthesis in the cycling of matter and flow of energy into and out of organisms.
- Describe how food is rearranged through chemical reactions forming new molecules that support growth and/or release energy as this matter moves through an organism.
- Describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.
- Explain how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively.
- Provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.
- Describe why structural changes to genes (mutations) located on chromosomes may affect proteins and may result in harmful, beneficial, or neutral effects on the structure and function of the organism.
- Describe why asexual reproduction results in offspring with identical genetic information and sexual reproduction results in offspring with genetic variation.
- Describe how genetic variations of traits in a population

- increase some individuals' probability of surviving and reproducing in a specific environment.
- Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms.
- Explain how natural selection may lead to increases and decreases of specific traits in populations over time.
- Predict and describe changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.
- Describe how the total number of atoms does not change in a chemical reaction and thus mass is conserved.
- Apply Newton's Third Law to design a solution to a problem involving the motion of two colliding objects.
- Provide evidence that the change in an object's motion depends on the sum of the forces on the object and the mass of the object.
- Determine the factors that affect the strength of electric and magnetic forces.
- Support the claim that gravitational interactions are attractive and depend on the masses of interacting objects.
- Provide evidence that fields exist between objects exerting forces on each other even though the objects are not in contact.
- Describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.
- Support the claim that when the motion energy of an object changes, energy is transferred to or from the object.
- Describe the atomic composition of simple molecules and extended structures.
- Analyze and interpret data on the properties of substances before and after the substances interact to determine if a chemical reaction has occurred.
- Determine the relationships among the energy transferred, the type of matter, the mass, and the change in the average kinetic energy of the particles as measured by the temperature of the sample.

- Engage in informed academic discussions about prejudice, racism, and bigotry in the past and present.
- Identify the challenges and opportunities faced by those trying to address a problem.
- Evaluate the impact of the institution of slavery on the political and economic expansion of the United States.
- Construct an argument to explain how the expansion of slavery violated human rights and contradicted American ideals.
- Use maps and other geographic tools to construct an argument on the impact of geography on the developments and outcomes of the American Revolution including New Jersey's pivotal role.
- Use primary and secondary sources to assess whether or not the ideals found in the Declaration of Independence were fulfilled for women, African Americans, Hispanics, Asians, and Native Americans during the time period it was created.
- Understand the intellectual and political tensions and compromises in the Founders' ideas and how successive generations in the United States have worked to resolve them.
- Know how democratic ideas have been turned into institutions and practices, and the history of the origins, growth, and struggles of democratic societies on earth, past and present.
- Understand what economic, social, cultural, religious, and international conditions have helped to shape democratic practices.
- Understand the purposes, principles, and practices of the United States government as established by the Constitution, which includes rights and responsibilities,