

Health & Physical Education

- Discuss the physical, social emotional, and intellectual dimensions of wellness.
- Compare and discuss ways to foster healthy growth.
- Analyze nutrition information on food packages and labels.
- Compare and contrast diseases and health conditions prevalent in adolescents, including asthma, obesity, diabetes, Lyme disease, STIs, and HIV/AIDS.
- Discuss the characteristics of a role model and how role models influence personal goals and ethical standards of others.
- Discuss the safe administration and storage of over the counter drugs and prescription medicines.
- Describe the physical, social, cognitive and emotional changes of adolescence.
- Discuss the potential challenges faced by adolescent parents and their families.
- Demonstrate positive ways to communicate differences of opinion while maintaining relationships.
- Describe male and female reproductive systems including body parts and their functions.
- Describe the process of human reproduction.
- Summarize the sequence of fertilization, embryonic growth, and fetal development during pregnancy.
- Define sexual orientation.
- Describe how substance abuse affects the individual and the family and describe ways that the family and friends can support a drug-free lifestyle.
- Choose the appropriate strategies to deal with conflict, violence, harassment, vandalism, and bullying.
- Distinguish among violence, harassment, gang violence, discrimination, and bullying and demonstrate strategies to prevent and resolve these types of conflicts.
- Demonstrate refusal skills (clear “no” statement, walk away, and repeat refusal).
- Identify abstinence as the only 100% effective method of protecting against unplanned pregnancy and sexually transmitted infections.
- Identify the signs and symptoms of pregnancy.
- Discuss strategies to remain abstinent and resist pressures to become sexually active.
- Modify movement in response to dynamic, interactive environments.
- Perform and demonstrate individual offense and defense strategies.
- Describe the physical, social, and emotional benefits of regular physical activity.
- Differentiate among activities that improve skill fitness versus health-related fitness.
- Discuss the relationship between practice, training, and injury prevention.
- Perform and demonstrate the basic skills and rules of soccer, racquet sports, track and field, football, basketball, baseball/softball and volleyball.
- Assess and develop a personal fitness plan based on the findings and use of technology.
- Monitor physiological indicators before, during, and after exercise.

Visual & Performing Arts

Visual Arts

- Demonstrate openness in trying new ideas, materials, methods, and approaches in making works of art and design.
- Individually or collaboratively, develop a visual plan for displaying works of art, analyzing exhibit space, the needs of the viewer, and the layout of the exhibit.
- Interpret art by distinguishing between relevant and non-relevant contextual information and analyzing subject matter, characteristics of form and structure, and use of media to identify ideas and mood conveyed.
- Analyze how art reflects changing times, traditions, resources, and cultural uses.

Music

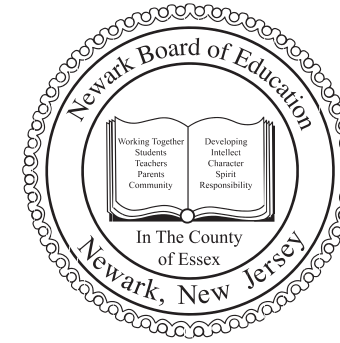
- Select, organize, construct, and document personal musical ideas for arrangements and compositions within AB or ABA form that demonstrate an effective beginning, middle, and ending, and convey expressive intent.
- When analyzing selected music, read and identify by name or function standard symbols for rhythm, pitch, articulation, and dynamics.
- Identify the context of music from a variety of genres, cultures, and historical periods.

Dance

- Determine artistic criteria to choreograph a dance study that communicates personal or cultural meaning, then evaluate why some movements are more or less effective than others.
- Embody technical dance skills (for example, alignment, coordination, balance, core support, kinesthetic awareness, clarity of movement) to accurately execute changes of direction, levels, facings, pathways, elevations and landings, extensions of limbs, and movement transitions.
- Apply basic anatomical knowledge, proprioceptive feedback, spatial awareness, and nutrition to promote safe and healthful strategies when warming up and dancing.
- Interpret and show how the movement and qualities of a dance communicate its cultural, historical, and/or community purpose or meaning.

Theatre

- Use critical analysis to improve, refine, and evolve original ideas and artistic choices in a devised or scripted drama/theatre work.
- Identify the essential events in a story or script that make up the dramatic structure in a drama/theatre work.
- Recognize how acting exercises and techniques can be applied to a drama/theatre work.
- Research and analyze two different versions of the same drama/theatre story to determine differences and similarities in the visual and aural world of each story.



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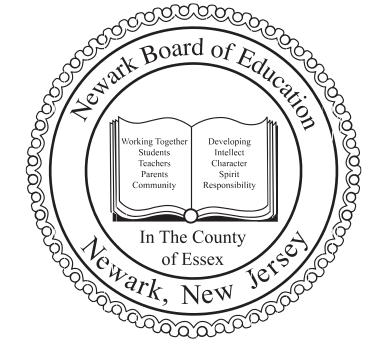
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Through the Lens of Teaching and Learning

Snapshot
of
Sixth
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?
- Would a practice test be helpful?

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 class discussion by supporting a position with organized, appropriate details.
- Appreciate literature by reading, listening to, viewing and responding to fiction and non-fiction based upon a variety of themes that explore life lessons, historical events and scientific ideas.
- Develop comprehension skills by recognizing the central idea/theme and supporting details, summarizing, identifying literary elements, inferring, questioning, clarifying, predicting and forming opinions.
- Survey and explain text features that contribute to comprehension (e.g., headings, introductory, and concluding paragraphs).
- Analyze how particular sentences, chapters, scenes, or stanzas fit into the overall structure of a text and contribute to the development of the theme, setting, or plot.
- Interpret figures of speech in context.
- Distinguish among the connotations of words with similar denotations.
- Compare, contrast and reflect on texts in different forms or genres in terms of their approaches to similar themes and topics.
- Infer meanings of unfamiliar words from learned roots, prefixes, and suffixes.
- Respond critically to text through analysis.
- Draw evidence from literary or informational texts to support analysis, reflection, and research.
- Analyze text types, formats, and elements in nonfiction.
- Use visuals, media, and/ or technology to produce projects and reports.
- Locate information and draw conclusions using multiple resources relevant to research questions.
- Write in a variety of forms for many purposes including: descriptions, narratives, argumentative essays, research, and literary analyses.
- Write essays of several paragraphs that reflect the traits of good writing, engage the interest of the reader, state a clear purpose, develop the topic, and conclude with a detailed summary.
- Understand and apply the elements of a scoring rubric to improve and evaluate writing.
- Reflect on writing, noting strengths and setting goals for improvement.
- Vary sentence patterns for meaning (syntax), reader/listener interest, and style/voice.
- Maintain consistency in style and tone.
- Use punctuation (commas, parentheses, and dashes) to set off nonrestrictive/parenthetical elements.
- Spell grade-appropriate words correctly, consulting references as needed.
- Use previously learned conventions of Standard English correctly.

- Understand ratio concepts and use ratio reasoning to solve problems. For example, understand the concept of a unit rate a/b associated with a ratio $a:b$ with non-zero b , and use rate language in the context of a ratio relationship.
- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.

- Compute fluently with multi-digit numbers and find common factors (of two whole numbers less up to 100) and multiples (of two whole numbers up to 12).
- Apply and extend previous understandings of numbers to the system of rational numbers. For example, understand that positive and negative numbers are used together to describe quantities having opposite directions or values such as temperature above/below zero, elevation above/below sea level, credits/debits, and positive/negative electric charge.
- Write expressions that record operations in terms of a variable and identify parts of an expression using mathematics terms (sum, term, product, factor, quotient, and coefficient).
- Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, any number in a specified set.
- Represent and analyze quantitative relationships between dependent and independent variables.
- Solve real-world and mathematical problems involving area, surface area, and volume.
- Represent three-dimensional figures using nets made up of rectangles and triangles, and use the nets to find the surface area of the figure. Apply these techniques in the context of solving real-world and mathematical problems.
- Develop understanding of statistical variability. For example, understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread, and overall shape.
- Summarize and describe distributions. For example, give quantitative measures of center (median and/or mean) and variability (interquartile range and/or mean absolute deviation), as well as describe the pattern and/or deviations from the pattern in context of the data.

- Predict and describe changes in particle motion, temperature, and state of a pure substance when thermal energy is added or removed.
- Describe a simple model for waves that includes how the amplitude of a wave is related to the energy in a wave.
- Describe that waves are reflected, absorbed, or transmitted through various materials.
- Describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.
- Determine scale properties of objects in the solar system.
- Explain how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.
- 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.
- Explain how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively.
- Explain how environmental and genetic factors influence the growth of organisms.
- Explain 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.
- Provide evidence for the effects of resource availability on organisms and populations of organisms in an ecosystem.
- Predict patterns of interactions among organisms across multiple ecosystems.
- Describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem.
- Design a method for monitoring and minimizing a human impact on the environment.
- Clarify evidence of the factors that have caused the rise in global temperatures over the past century.
- Describe the cycling of Earth's materials and the flow of energy that drives the process.
- Explain how geoscience processes have changed Earth's surface at varying time and spatial scales.
- Provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.
- 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.

- Demonstrate civic knowledge, skills, and dispositions.
- Compare perspectives of people in the past to those of people in the present.
- With support, detect possible limitations in the historical record based on evidence collected from different historical sources.
- Give examples of how archaeologists, historians, geographers, economists, and political scientists work as teams to analyze evidence, develop hypotheses, and construct interpretations of ancient and classical civilizations.
- Describe the great climatic and environmental changes that shaped the earth and eventually permitted the growth of human life.
- Explain the terms: Paleolithic Era and Neolithic Era.
- Construct and interpret a timeline that shows some of the key periods in the development of human societies in the Paleolithic and Neolithic Eras.
- Explain differences among settled, agricultural and nomadic communities.
- Use maps to identify physical and political geography of modern Western Asia, the Middle East, and North Africa.
- Explain how communities grew in Western Asia, the Middle East and North Africa: Mesopotamia, c. 3500–1200 BCE, Ancient Egypt, c. 3000–1200 BCE, and in the Middle East and Northern Africa, c 2000 BCE – 7th Century CE.
- Study the physical and political geography of Sub-Saharan Africa and communities from Sub-Saharan African states and societies, c. 100– 1000 CE.
- Study the physical and political geography and indigenous populations of Central America and the Caribbean Islands and South America.
- Research and be able to report on one of the major ancient societies that existed in Central America, such as: Maya, Teotihuacán, and other civilizations such as the Olmec, Toltec, and Zapotec.