

GRADE FIVE

ENGLISH LANGUAGE ARTS

The students will ...

- Interpret literature—infer, predict, compare, summarize, categorize, organize.
- Read for a variety of purposes.
- Research information for presentation.
- Understand and use figures of speech, simile, metaphor, personification, etc.
- Identify and use correctly all 8 parts of speech.
- Demonstrate an understanding of grammar usage such as verb tense in constructing meaning.
- Write a variety of sentences: simple, compound, complex, and compound-complex.
- Use correct subject/object agreement.
- Use transitional words and devices.
- Produce a report using text findings, internet research, evaluating information, and data.
- Use rich vocabulary appropriate to purpose and audience.
- Demonstrate consistency of point of view and voice.
- Provide legible cursive letter formation in final draft.
- Use Collins writing folders during the year sending folders with selected writing pieces to the Middle School in June.
- Include descriptive, expository, imaginary, persuasive wording.
- Write biographies, bibliographies.
- Write well organized, multi-paragraph essays.

MATH

The students will ...

- In September retake the mastery test of multiplication and division facts to 12 and single division divisors, and retake the end of the year Scott Foresman grade 4 assessment test.

MATH (Cont.)

The students will ...

- Round whole numbers, fractions and decimals.
- Add/subtract fractions and mixed numbers.
- Create ratios.
- Use variables to represent unknowns in equations and find their value.
- Find probabilities of events and analyze the outcomes.
- Identify properties of polygons and solids.
- Create geometry in motion.
- Find circumference.
- Measure angles, area, volume and weight.
- Use bar graphs to make decisions.
- Predict from samples and experiments.
- Compare/contrast mental versus expected results.
- In June take the Scott Foresman grade 5 end of year assessment test .

SCIENCE

The students will ...

- Identify and explain the difference between climate and weather
- Explain the affect of currents and temperature of the ocean on weather and climate
- Develop an increasing awareness of weather
- Identify how weather affects daily life
- Recognize that measurements and long-term records are useful and help us learn more about weather
- Explain how the four factors of weather — moisture, temperature, wind and air pressure, affect weather.
- Identify and explain the purpose of a lever, pulley, wheel and axle, and inclined plane and wedge and describe how simple machines can be used to make work easier.

SCIENCE (Cont.)

The students will ...

- Recognize there are different forms of energy and energy can transfer from one form to another
- Recognize that force causes a change in motion.
- Explain the difference between a simple and compound machine.
- Design and create models to solve engineering challenges.
- Compare and contrast characteristics, adaptations, life cycles and position on the food chain of organisms.
- Develop sensitivity toward living things and understand that human behavior can positively or negatively affect environmental conditions.

SOCIAL STUDIES

The students will ...

- Describe the colonization of the Americas and its major figures.
- Describe the reasons people immigrated to the new lands, particularly America, and their lives there.
- Identify the English colonies in N. America.
- Discuss the role of Massachusetts in the War for Independence.
- Explain the role and purpose of government and the Constitution.
- Describe the roles and responsibilities of citizenship.
- Describe the causes of the American Revolution
- Identify the first four presidencies

ART

The students will ...

- Create a composition that includes overlapping different size shapes to create depth, positive and negative space, and focal point.
- Demonstrate good craftsmanship in constructing a collage.
- Extend observational drawing skills to create a drawing of a still life.
- Choose materials that display a variety of textures to create a multimedia work of art.
- Use materials that emphasize important characteristics of a subject.
- Learn about other cultures through masks.
- Explore clay building techniques, its possibilities and limitations.
- Use clay to create a vessel.
- View, consider, and discuss the works of Van Gogh, Cezanne, Picasso, Hanson, Wood, Copley, Mola, Native American Pottery, and African and Native American masks.

MUSIC

The students will ...



- Sing two-part harmony with or without accompaniment
- Play Orff instruments with complex techniques including mallet crossover patterns
- Demonstrate mastery of steady beat through drumming patterns on percussion instruments played alone or with an ensemble
- Develop keen awareness of different modalities including identification of major and minor by ear
- Learn about famous composers such as Bach and Tchaikovsky
- Listen to musical works and be able to identify instrumentation, modality, cultural cues as well as musical form
- Learn 5-part and 7-part rondo form
- Become aware of various genres of music in society in their personal choice of music selections

MUSIC (Cont.)

The students will ...

- Memorize the placement of piano keys, including sharps and flats
- Have the opportunity to play a band instrument in the after school lesson program
- Perform in one all-school concert and at their grade five graduation

PHYSICAL EDUCATION

The students will ...

- Recognize the role of personal hygiene in one's wellness and appearance.
- Identify components, functions, and processes of the reproductive system.
- Demonstrate the assertive behavior, refusal skills and actions intended for personal safety.
- Identify harassment and bullying and learn how actions affect others.
- Identify persons to talk to with regarding feelings, concerns and stress.
- Understand how marijuana use influences the functioning of body systems.
- Consistently throw and catch a ball while guarded by an opponent.
- Demonstrate the ability to perform routines to music in tumbling and jump roping.
- Develop and demonstrate strategies within various team activities.
- Understand offensive and defensive techniques while performing skill in team games.
- Recognize that time and effort are important for skill improvements and physical benefits.
- Demonstrate sportsmanship and respect for rules, officials, and fellow students during activities.
- Participate in activities that will improve muscular strength, endurance, flexibility and cardio-respiratory functioning.
- Participate in group cooperative games and lifetime skills.

STONEHAM PUBLIC SCHOOLS



CURRICULUM BRIEF FOR GRADE FIVE

This curriculum brief for grade five provides an overview of what a fifth grade student in the Stoneham Public Schools should know and be able to do at the completion of the school year. As a means of communicating with parents, this document reflects Stoneham expectations as well as the goals of the Massachusetts Curriculum Frameworks. It is important to note that although children learn and grow at different rates and through different styles, all students should make regular progress toward these goals.

LES OLSON

Superintendent of Schools

ANNE H. PATRIQUIN

Assistant Superintendent of Schools

LAWRENCE MACELHINEY

Principal, Central Elementary School

MAUREEN BURKE

Principal, Colonial Park Elementary School

NICK LEONARDOS

Principal, South Elementary School

ALICE REILLY

Principal, Robin Hood Elementary School