

SOCIAL/EMOTIONAL LEARNING

Civic and character education is vitally important to the development of well-rounded students. Our Building Respectful Community (BRC) initiative highlights the values associated with **RAISE** through which North Andover students will demonstrate **respect**. They will think about others before speaking or taking any action. They will appreciate the contributions of others, while showing respect for themselves, other people, personal and/or community property, and the environment.

- North Andover students will demonstrate **achievement**. They will exercise their best effort and judgment in all activities in which they participate and will set goals that promote positive academic, social, and personal development.
- North Andover students will demonstrate **inclusion**. They have a responsibility to break down barriers by inviting new people into teams, circles of friends, and experiences as they work to be a unified, collaborative community.
- North Andover students will demonstrate **service**. They believe the growth and improvement of a relationship and community depends on the willingness of others to contribute support to the greater good.
- North Andover students will demonstrate **empathy**. They will be aware of and consider another person's situation, feelings or motives before speaking or taking action.

PHYSICAL EDUCATION 3-5

Body management skills are refined as children mature. Participation in activities in the areas of games, sports, and physical fitness, provides opportunities for students to practice a variety of physical skills. Guided instruction allows children to improve skills in a supportive environment. Acceptable social behavior is encouraged through group participation building upon previous grades and with special emphasis on:

- development of skills through the use of a variety of sports
- team-building through the use of cooperative games
- introduction of fitness activities to promote a healthy active lifestyle

Parents Can Help by ensuring that their child is dressed appropriately for Physical Education such as with laced sneakers and clothing that is comfortable for physical activity.

MUSIC

By the end of Grade 4 students will be able to:

- Perform simple melodies on the recorder
- Analyze musical performances of different styles
- Identify musical instruments by sight and sound
- Begin to identify major composers and their works

ART

By the end of Grade 4 students will be able to:

- Mix colors
- Create a drawing using perspective
- Construct a 3-D form
- Create works of art inspired by historic artists
- Use of shading to enhance 2-D works of art
- Reflect and share reasons for their aesthetic decisions
- Use composition skills in the creation of art

North Andover Public Schools

Parent Curriculum Brochure



Grade 4

The mission of North Andover Public Schools is to cultivate a respectful community of engaged learners, insightful thinkers, and effective communicators.

Office of the Superintendent

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LITERACY

Reading

- Refer to details and examples in a text when explaining what the text says explicitly
- Refer to details and examples when drawing inferences from the text
- Summarize across genres
- Describe story elements using specific details from a text
- Identify the structural elements in poetry and drama
- Compare and contrast similar themes, topics, and points of view
- Use evidence from the text to support the author's purpose
- Locate and explain how similes and metaphors enrich text
- Apply grade-level phonics and word analysis to decode words
- Read grade-level text fluently and with expression
- Demonstrate an understanding of grade-level texts and read independently

Speaking and Listening

- Engage effectively in a range of collaborative discussions in a variety of settings
- Report on a topic or a text while speaking clearly at an understandable pace and volume
- Demonstrate listening comprehension skills in a variety of ways
- Correctly use standard English grammar when speaking

Language

- Correctly use capitalization, spelling, and punctuation in written work
- Determine or clarify the meaning of unknown and multiple-meaning words and phrases

Writing

- Use the five stages (brainstorming, drafting, revising, editing, and publishing) of the writing process to produce clear, coherent, and organized writing
- Apply the six traits (ideas, organization, voice, word choice, sentence fluency, and conventions) of writing to a variety of genres
- Write a narrative using dialogue, descriptive language, developed characters, and a logical sequencing of events
- Use research skills to gather information, organize it into paragraphs and sections, and produce a meaningful expository piece of writing
- Consider both sides of an argument to produce a convincing piece of persuasive writing, based on facts and directed at a specific audience

SCIENCE

Students will investigate the big ideas of life, physical and earth sciences through research, inquiry and a hands-on approach. In studying the following, students will: 1) ask questions, 2) make predictions, 3) record observations, 4) use materials, and 5) engage in discussions using learned vocabulary.

- **Life Science** - Structures of Life
- **Earth Science** - Rocks and Minerals, the Earth
- **Physical Science** - Magnetism and Electricity, Measurement

MATHEMATICS

Operations and Algebraic Thinking:

- Use the four operations with whole numbers to solve problems with and without variables
- Gain familiarity with factors and multiples
- Generate and analyze patterns

Numbers and Operations in Base Ten:

- Generalize place value understanding for multi-digit whole numbers
- Use place value understanding to fluently add and subtract multi-digit numbers
- Use place value understanding to fluently multiply and divide multi-digit whole numbers

Numbers and Operations - Fractions:

- Extend understanding of fraction equivalence and ordering
- Add and subtract fractions and mixed numbers
- Demonstrate an understanding of the relationship between fractions and decimal notation
- Order and compare fractions and decimals to one another

Measurement and Data:

- Solve problems involving measurement and conversion of measurements from one unit to another
- Represent and interpret data in various graph forms

Geometry:

- Draw and identify lines and angles
- Classify shapes by the properties of their lines and angles
- Identify lines of symmetry in geometric figures

Geometric Measurement:

- Understand the measurement of angles
- Calculate the area and perimeter of given figures using taught formulas

SOCIAL STUDIES

Students learn about geography by addressing standards that emphasize political and physical geography and embed five major concepts: location, place, human interaction with the environment, movement, and regions.

- Immigration to the United States
- Regions of the United States, including the history, states and capitals, economy, culture, and geography of each unique region
- Generalities of the North American continent

If you would like some tips on helping your child to become successful in school and in life, please visit: <http://www2.ed.gov/parents/academic/help/succeed/brochure.html>