



ART

Rich Trotta, Director 781-393-2279

Students will be able to . .

- Use simple techniques for displaying and exhibiting their artwork
- Look for meaning in artworks
- Communicate their ideas about their own and others' artwork
- Provide examples of art that they see in their homes and communities
- Form and support opinions about art
- Participate in a system of self-evaluation relating to their artwork



TECHNOLOGY

Rich Trotta, Director 781-393-2279

Students will be able to...

- Demonstrate beginner keyboarding skills.
- Demonstrate basic skills in Microsoft Office Word Processing.
- Have a primary understanding of the Windows Operating System.
- Access information from the Internet.



PHYSICAL EDUCATION

Students will be able to...

- Walk/run/hop/skip/gallop/slide/jump/leap
- Twist, balance, tumble, and extend
- Change movement, directionality, high, low, straight, zig-zag, fast and slow
- Catch/throw ball with partner 10-15 ft. away
- Kick a ball stationary or rolling towards them from 10-15 ft. away



PUPIL SERVICES

Director, Kathleen Medaglio
781 393-2229

The Medford Public Schools are committed to insure access to the general education curriculum for all students. Support service departments include: Special Education, Bilingual & Multicultural Education, Guidance and Title I.

Keep current about district & state educational activities. Sources for educational information include channel 15 and the following websites:
<http://www.medford.k12.ma.us>

Tips For Parents

To create strong schools, the definition of the classroom must be expanded to include the family. The Medford Public Schools recognizes that parental support for their child's learning is an important component in optimizing student achievement. Here are some suggestions for supporting your child throughout the school year:

- Make your child's attendance at school a top priority. There are only 180 instructional days per school year. Given the new district curriculum and rigorous state testing, it is critical that children be in school each day to be successful.
- Consult frequently with your child's teacher about specific ways to help your child with their work.
- Work with the school to promote good study habits.
- Develop good nutritional, rest and safety habits
- Take an active interest at home in your child's daily school activities.
- Help your child select materials and ideas from home to contribute to class assignments
- Provide your child with a structure for studying that includes a schedule and locations where they can quietly work on assignments.
- Encourage your child to pursue individual interests and help him/her to link interest with schoolwork.
- Assist your child with homework, ensuring that the final product reflects his/her true understanding of the assignment
- Use family activity time to reinforce learning in school by visiting museums & libraries.

BROOKS ELEMENTARY SCHOOL

388 High Street
Medford, MA 02155
(781) 393-2166
Principal: Kevin Andrews

COLUMBUS ELEMENTARY SCHOOL

37 Hicks Avenue
Medford, MA 02155
(781) 393-2177
Principal: Kathy Kay

MCGLYNN ELEMENTARY SCHOOL

3002 Mystic Valley Parkway
Medford, MA 02155
(781) 393-2333
Principal: Diane Guarino

ROBERTS ELEMENATARY SCHOOL

35 Court Street
Medford, MA 02155
(781) 393-2155
Principal: Kirk Johnson

MEDFORD PUBLIC SCHOOLS

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WELCOME TO

FOURTH GRADE

THIS BROCHURE IS DESIGNED
TO PROVIDE THE
MEDFORD PUBLIC SCHOOLS
FAMILIES AND COMMUNITY WITH AN
OVERVIEW OF THE CURRICULUM
PRIORITIES BY GRADE AND BY SUBJECT.

MEDFORD PUBLIC SCHOOLS SCHOOL COMMITTEE

Chairman: Mayor Michael McGlynn
Vice Chair: John Falco
Secretary: Robert E. Skerry, Jr.
Ann Marie Cugno
Erin DiBenedetto
George Scarpelli
Paulette Van der Kloot

DISTRICT ADMINISTRATION

Roy E. Belson, Superintendent
Beverly G. Nelson, Deputy Superintendent
Diane Caldwell, Assistant Superintendent



ENGLISH LANGUAGE ARTS

Nicole Chiesa, Director 781-393-9016

Students will be able to . . .

READING

- Read with accuracy & fluency for comprehension
- Determine the meaning of words and phrases including mythology references
- Compare and contrast various points-of-view
- Identify similes & metaphors
- Compare/contrast themes and topics in texts
- Describe the elements that contribute to the overall structure of a text
- Use info. in the text to enhance understanding

WRITING

- Integrate information from two texts on same topic
- Write clear and well-structured opinion pieces, informative pieces, and well-structured narratives
- Use similes and/or metaphors in writing
- Plans/revises/edits to strengthen written work
- Conducts short research projects
- Uses evidence from texts to support ideas in writing

SPEAKING & LISTENING

- Participate appropriately in class discussions
- Restate presented information
- Create oral presentations using visual displays or audio recordings

LANGUAGE (VOCABULARY & CONVENTIONS)

- Demonstrate knowledge of standard English grammar when writing and speaking
- Capitalize and punctuates correctly in writing
- Use grade-appropriate spelling
- Write legibly by hand (print and cursive)
- Use vocab. strategies to determine the meaning of words/phrases
- Demonstrates understanding of figurative language & word relationships



FOREIGN LANGUAGE

Rita DiCarlo 781-393-2375

Students will be able to. . .

- Use & build upon vocabulary learned in grades 2/3
- Recognize cognates/words alike in Italian & English
- Express certain actions in the present tense of the verb or using the infinitive
- Act out some common daily routines such as answering the phone or ordering in a restaurant
- Complete a simple writing assignment by the end of most units



MATHEMATICS

Carolyn Joy, Director 781-393-2214

OPERATIONS AND ALGEBRAIC THINKING

- Represent & interpret multiplications equations.
- Solve word problems using four operations
- Find factor pairs for whole numbers; identify multiples, prime/composite numbers 1-100
- Generate/analyze/explain number/shape patterns

NUMBER AND OPERATIONS IN BASE TEN

- Read/write multi-digit whole numbers
- Apply concepts of place value and division
- Compare two multi-digit numbers and write using the symbols $<$, $=$, $>$
- Fluently add/subtract multi-digit whole numbers
- Multiply a four-digit number by one- and two-digit whole numbers, divide a four digit whole number by a one-digit whole number
- Know multiplication/division facts up to 12×12 .
- Explain multiplication and division using equations, arrays and area models

NUMBER AND OPERATIONS—FRACTIONS

- Recognize and generate equivalent fractions
- Compare two fractions with the same numerator or denominator
- Decompose a fraction into a sum of fractions
- Add & subtract fractions/mixed numbers with the same denominator; multiply fractions by whole numbers; apply to word problems
- Represent fractions as a product of a whole number and unit fraction.

MEASUREMENT AND DATA

- Solve measurement problems
- Know relative size of measurement units; convert from a larger unit to a smaller unit
- Create line plots in fraction units to add/subtract.
- Understand, define and measure angles

GEOMETRY

- Draw/identify points, lines, segments/rays and parallel/perpendicular lines in 2-D figures
- Recognize symmetry & apply to solve problems



MUSIC

Rich Trotta, Director 781-393-2279

Students will be able to...

- Sing in groups with emphasis on vocal technique
- Incorporate movements with songs
- Developing understanding of musical form
- Demonstrate an awareness of great composers
- Sing basic vocal literature in two parts
- Express reactions to musical examples



SOCIAL STUDIES

Nicole Chiesa, Director 781-393-9016

- Describe the major land formations, bodies of water, and aspects of physical geography found in the regions of the United States
- Use the *Five Themes of Geography* to identify and discuss the political and physical geography of North America
- Identify and discuss the rights of immigrants who come to the United States
- Identify and discuss the value of natural resources and how they play a role in the economy of the United States
- *OPTIONAL*: Describe the geography and history of China



SCIENCE

Carolyn Joy, Director

Rocco Cieri, Coordinator 781-393-2214

Students will be able to. . .

EARTH SCIENCE

- Differentiate between weather and climate
- Describe how temperature, moisture, wind speed & direction, and precipitation impact weather; describe how global patterns influence weather
- Describe the water cycle

LIFE SCIENCE

- Classify organisms into kingdoms; classify plants and animals according to physical characteristics.
- Give examples of characteristics subject to adaptations to the environment enable organisms to survive

PHYSICAL SCIENCE

- Identify the states of matter; compare and contrast solids, liquids, and gases based on their properties.
- Identify magnetism & electricity as forms of energy.
- Identify the parts of an electrical circuit; make and test a parallel and series circuit; classify materials as conductors or insulators.
- Describe the properties of magnets & magnetic fields; classify objects as attracted or not by magnets.

ENGINEERING/TECHNOLOGY

- Identify appropriate units and tools to construct a given prototype; identify design features.



HEALTH

THE essential learnings for health are integrated with other curriculum areas and are discussed at age appropriate levels. Themes include: personal health, nutrition and fitness, drugs alcohol and tobacco, mental health, 1