

GRADE 8 BLUE TEAM

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Goals for the Year

- To provide engaging learning opportunities for your child
- To prepare your child for the high school level
- To encourage academic independence and self-advocacy



Chromebooks

1:1 Chromebooks this year!

Please remind your children to charge their chromebooks nightly and bring them to school daily.

Help your student find a safe and easily accessible place to charge and store their chromebook at night.

Remind students that chromebooks are to be used for educational purposes only.



Google Classroom

Google Classroom is a free collaboration tool for teachers and students. Teachers create an online classroom, invite students to the class, then create and distribute assignments, materials, etc.

Download the app or go use online



Quizlet

Go to www.quizlet.com and search "blue8norwood"

Quizlet.com is a resource students can use to study for quizzes and tests in their major content areas.

It provides flashcards and games for students using information uploaded by a teacher.

Sarah Hoyle (SPED teacher) updates the site to include vocabulary and study guides for all of our students.

The Quizlet logo, featuring the word "Quizlet" in a white, bold, sans-serif font, centered within a dark blue rectangular background.

Homework

- Daily homework assignments for **the entire team** can be found by clicking on the link on any of the blue team teacher's websites (updated daily by Mrs. Sarah Hoyle).



Grade 8 History Curriculum

The New Massachusetts 8th Grade History Curriculum

- Historical Thinking Skills
- The philosophical foundations of the American Revolution
- The Declaration of Independence and the American Revolution
- The Articles of Confederation and the formation of the United States Constitution
- The Constitution and the federal system of government in action
- Amendments, the Supreme Court, and Change in American Society
- The skills of citizenship: media literacy, current events, the idea of citizenship, state and local governments (this last topic will be covered once a week)

Grade 8 English Curriculum

Fiction:

- ☐ Short Stories
- ☐ Novel (*A Separate Peace*)

Nonfiction:

- ☐ Biographies, autobiographies, memoirs, essays, speeches, articles and editorials.

Poetry: –traditional and modern

Drama:

- ☐ William Shakespeare's *A Midsummer Night's Dream*

Writing:

- ☐ Informal and formal writing responses
- ☐ One formal writing assignment per unit of study
 - Track individual growth

Vocabulary/Grammar:

- ☐ Vocab words within core text
 - Grammar lessons implemented within four units of study

Grade 8 Intro to Algebra

The Number System

Understand irrational numbers and approximate them by rational numbers

Expressions and Equations

Work with radicals and integer exponents

Understand the connections between proportional relationships, lines, and linear equations

Analyze and solve linear equations and pairs of simultaneous linear equations

Functions

Define, evaluate, and compare functions

Use functions to model relationships between quantities

Geometry

Understand congruence and similarity of figures through transformations

Understand and apply the Pythagorean Theorem

Volume of cylinders, spheres and cones

Statistics and Probability

Investigate patterns of association in bivariate data

Grade 8 Algebra 1

Challenging course: abstract and fast paced

Topics include:

Graphical representation of data, functions, equations and inequalities, linear equations, systems of linear equations, quadratic functions, exponential functions and polynomials

Additional topics: bivariate data, transformations, volume, and the Pythagorean Theorem

Grade 8 Science Curriculum

Scientific Method

Plate Tectonics

Rocks

Earthquakes

Volcanoes

Atoms

Periodic Table

Chemical Bonds

Chemical &

Physical Changes

Motion

Fossils

Evolution

Photosynthesis

Ecology

Biomes

Living Resources

MCAS Review

Grade 8 Blue Wish List

We are in need of the following items throughout the year:

- Tissues
- Hand sanitizer
- Sanitizing wipes

If you are able to donate any of these items, please send them to school with your child throughout the year.

