

WNY Maritime Middle School Classes

Health - 7

Health education is vital for preparing candidates for their future roles as responsible and productive citizens. It is the mission of health education to provide candidates with quality learning experiences that will enable them to recognize, develop, and utilize the skills needed for physical, mental, and social well-being.

Objectives

The curriculum focuses on six content areas that convey essential information for students to know and be able to use in order to be safe, healthy and achieve academically. These knowledge areas were determined by the Centers for Disease Control, National and State Health Education.

- Nutrition and Physical Activity
- Emotional and Mental Health
- Tobacco, Alcohol and Other Drug Prevention
- Violence and Injury Prevention
- HIV, STD and Pregnancy Prevention
- Abstinence, Puberty and Personal Health

Math 7:

This course is a year-long class that is directly correlated to the New York State Common Core Standards for 7th grade. The goals of this course are as follows: a) develop an understanding of and apply proportional relationships; b) develop and understanding of operations with rational numbers and working with expressions and linear equations; c) solving problems involving scale drawings and informal geometric constructions and working with two- and three-dimensional shapes to solve problems involving area, surface area and volume; d) drawing inferences about populations based on samples. These skills are taught to prepare students to take the 7th grade NYS assessment, and to improve their scores from the previous year.

ELA 7

Exploring important questions and ideas about our world through reading, writing, research, and discussion.

Middle School Music

This music course is for the non-musician who enjoys listening to music, as well as those with a background of music study seeking information outside of the performance arena. This course explores the role music plays in our lives, a basic introduction to Music Theory, and an exploration of the evolution of Music from the Medieval era to the present. This course is helpful to all students, especially those with a limited background in Music.

Spanish 1:

This introductory Spanish class is meant to do just so: to introduce the beauty of the Spanish language. This is the very basis of the rest of a foreign language career. We will learn a wide range of vocabulary and grammar, from things like greetings all the way to verb conjugations.

ENL:

This English as a New Language (ENL) class will help students whose first language is NOT English improve English skills. The information learned in this class will serve for the rest of students' life! Students learn and practice lots of vocabulary, grammar, and reading and writing skills.

7th Grade Life Science

Is a course that provides students with the opportunity to learn that Life Science is the study of living things. The life sciences comprise all fields of science that involve the scientific study of living organisms, like plants, animals, and human beings. The students will learn about environmental and global issues which effect our world. Emphasis will be placed on skill development to provide students with the basic tools they need to be successful in the course.

Physical Education - 7&8

Goals

- Students will participate in health and fitness activities to the best of their abilities to develop a higher level of fitness and an appreciation of the lifelong value of fitness.
- Students will participate in a variety of activities to acquire knowledge and develop an appreciation for different activities.
- Students will demonstrate appropriate social and emotional behaviors, self-direction, and respect individual differences.

English Language Arts 8

This course helps emphasize the development of student's reading and writing skills through a variety of fiction and non-fiction literature and project based learning. Students will close read, engage one another with in-depth discussions and take charge of their own learning throughout the course. Texts such as: *Harry Potter and the Chamber of Secrets* by J.K. Rowling, *Monster* by Walter Dean Myers and countless articles, poetry and short stories are used to help students develop critical thinking skills. Students deepen their ability to write thoughtful and critical pieces throughout the year by exploring their own narrative and researching topics to help prepare them for future courses. Technology is used thoughtfully to enhance and integrate reading, writing, speaking, listening, and language use.

8th Grade Physical Science

Eighth grade science focuses on learning the basics of chemistry and physics. Students explore many different topics associated with Physical Science while learning the fundamental principles, theories, laws, and facts that govern science.

The Units of study include:

- Matter – properties, changes, classification, and The Periodic Table of Elements
- Energy – classification, transformations, and flow of energy
- Forces and Motion – relationship between force, motion, and movement of objects
- Waves – Understand how electromagnetic and mechanical waves travel
- Forces Acting in Nature – gravity, mass, inertia, friction, and Newton’s Laws of Motion.

Military Culture & Ethics - 8

The curriculum focuses on several different units to help understand military values and routines, develop tactics to build a rapport with the military community/veterans, and dispel any myths about military service. Topics to include but are not limited to:

- 5 Branches (responsibilities, characteristics)
- General Orders of the Sentry
- Military Basics (rank/pay grade, military alphabet, acronyms, grooming standards, deployment, career opportunities).
- Etiquette (respect for our Vets, how to approach members of the military)

Career Exploration – 8th Grade

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. This course will expose students to various sources of information on career training options, assist them in developing job search, and employability skills.

Textbook:

J.& Volz-Patton, R. (2007). Exploring careers.

McGraw-Hill. Woodland Hills, CA. ISBN # 9780078736896

Kelly-Plate,

Art – 8th Grade

This course is designed to introduce students to the foundations of visual art. Students will experiment in various art forms, using a variety of tools, materials and techniques. An emphasis will be placed on *creativity* to solve problems using a broad range of materials. Each unit will be centered on furthering your understanding of the elements and principles of design, and is aligned with the New York State Visual Arts Content Standards. Students will be encouraged to develop an appreciation for other cultures, art history and criticism, and their own potential for creative self-expression, by examining important works of art, artistic processes, and creating and evaluating art works of their own.

Knowledge, skills, and experiences intended for students to gain as a result of having taken this course include:

1. A knowledge of the wide variety of careers in the art field
2. Where art comes from and why people create art
3. The cultural contributions of art
4. Experience with and effective use of a variety of mediums
5. Knowledge of how to care for art materials and resources
6. Creation of interesting compositions
7. Understanding and experience using the elements and principles of art
8. Knowledge and use of color theory
9. Understanding and application of value effectively
10. Knowledge and experience using 1 and 2-point perspective
11. Understanding of the differences between 2-D and 3-D art work
12. Knowledge of a variety of artists and their styles
13. Using all of the above to create art work

Textbook:

Mittler, G. & Ragans, R. (2007). Exploring art. McGraw-Hill. Woodland Hills, CA.

Technology 8:

This course will focus heavily on learning about the tools that google drive offers. We will look at the different things you can do in Google Docs, Google Sheets, Google Slides, Google Form. If time allows we will also look at how to do computer programing.

Academic Workshop – 7th & 8th

This course is designed to provide students with time to work on academic or art assignments, or to study for his/her classes. An alternative option is for students to read quietly. This course is NOT a “free” period for students to use as they wish. Students must come to class prepared, with notebooks, pen or pencils, and whatever materials necessary to complete student assignments. “I have nothing to do,” is not an option and neither is using school computers for anything other than school work.