

Mathematics

Math 7

Major work in 7th grade math consists of analyzing proportional relationships and using them to solve real-world and mathematical problems. Apply and extend previous understanding of operations with fractions to add, subtract, multiply, and divide rational numbers. Use properties of operations to generate equivalent expressions. Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Algebra 1.1

Major work in Algebra 1.1 consists of interpreting the structure of expressions. Writing expressions in equivalent forms to solve problem. Perform arithmetic operations on polynomials. Understand the relationship between zeroes and factors of polynomials. Use polynomial identities to solve problems. Rewrite rational expressions. Create equations that describe numbers or relationships. Understand solving equations as a process of reasoning and explain the reasoning. Solve equations and inequalities in one variable. Solve system of equations. Represent and solve equations and inequalities graphically.

Integrated 1

Major work in Integrated 1 is a further in-depth look into the major work of Algebra 1 with including some Geometry concepts that apply geometric concepts in modeling situations. Explain volume formulas and use them to solve problems. Visualize relationships between two-dimensional and three-dimensional objects.

Integrated 1- Senior Math Lab

Major work in senior math lab is working through the process of meeting math graduation requirements by either passing a Work Keys test or passing two math problem solving work samples.

Health & Wellness

Health

In grades 7 and 8 Health focuses on giving students a broad overview of the health standards. High School Health looks in depth at the different health standards. Students will be working on reading and writing skills daily.

Physical Education

Physical education plays an important role in the physical, mental and social development of our students.

Physical education programs can help children physically by: reducing the risk of heart disease, improving physical fitness, helping in weight regulation, promoting healthy active lifestyles and developing motor skills and sports skills to promote health and fitness throughout life.

The mental benefits of physical education are: improved academic performance and increased interest in learning. The American Alliance for Health, Physical Education, Recreation and Dance recommend students in grades 1-5 should take physical education for at least 30 minutes a day and that students in middle school and high school should for 40-50 minutes

Weight Training

This is a class where the students will learn a variety of lifting techniques to strengthen the different parts of the body.

Specialist Supports

Life Skills

The Life Skills classes consist of hands on learning activities and social activities that promote independence and knowledge, as well as provide the necessary skills for living independently. While participating in the activities the students are learning to be helpful and responsible family members and citizens in and out of school.

Read 180

Students in the Read 180 program work to improve their reading skills through a variety of activities. These activities include a computer component and a textbook component. Through each component students improve their reading skills by reading non-fiction stories about other people and things of interest to them. Additionally, students learn to improve their verbal and written communication skills through the assignments.

Language Arts

LA 7

Seventh grade language arts focuses on reading both informational and literary texts. Attention will be paid to vocabulary, structure, themes, and examining what the text says explicitly and making logical inferences from it. Using textual evidence will also be addressed in both LA and writing.

LA 7 Writing

Seventh grade writing will follow a process which includes prewriting, organizing, drafting, revising, editing, and creating a final draft. Conventions such as capitalization, spelling, punctuation, and grammar will also be addressed.

LA 8

This year, we are using new Pearson textbooks and Chromebook laptops in Language Arts. Students are learning to do close readings of a variety of texts, text types, and authors and completing writings that go along with the readings. They are practicing real-world skills such as typing, internet research, and collaborative projects using technology in the classroom.

LA 8 Writing Lab

In this class, we write intensively every day with a focus on 8th grade level vocabulary and “Step Up to Writing” strategies. Students write in a variety of styles on diverse topics.

Language Arts 1

Language Arts 1 uses *Pearson Common Core Literature*, an exciting new literature program with a unique Instructional Model that supports the critical shifts in literacy required of the Common Core. The gradual-release-model emphasizes building knowledge through close-reading strategies with short and nonfiction texts, reading activities that are grounded in evidence, independent reading, and providing texts that are appropriately complex and focus on academic vocabulary.

Language Arts 2

This year, we are using new Pearson textbooks and Chromebook laptops in Language Arts. Students are learning to do close readings of a variety of texts, text types, and authors and completing writings that go along with the readings. They are practicing real-world skills such as typing, internet research, and collaborative projects using technology in the classroom.

Language Arts 3

Language Arts 3 uses *Pearson Common Core Literature* to explore early American and Colonial Literature using Pearson's unique Instructional Model to develop literary analysis, critical reading, vocabulary skills, and language development aligned with the Common Core. The gradual-release and scaffolding models emphasize building knowledge through content-rich nonfiction, reading and writing activities that are grounded in evidence, and providing texts that are appropriately complex, challenging, and focus on academic vocabulary.

Language Arts 4

This course is the stepping stone to put into place reading and writing skills as a precursor to entering the business working sector, and the college level writing series WR115, WR121, WR122, WR123. Language Arts 4 is the last in the series of four LA classes necessary to meet graduation requirements for a high school diploma. It prepares students for the real world. Through the various reading and writing assignments, this course focuses on development of student skills in active reading, on critical thinking, on increasing vocabulary skills; and on composing, writing, and evaluating clear, detailed, well-organized essays in a variety of genre' forms as well as in essays of various lengths. It enables graduates to have the necessary reading and writing tools to be successful in life past high school.

Communication is a key factor in being successful in life. This course is designed to continue student improvement in thinking, reading, and writing abilities in a dramatic way that will positively affect them now and throughout the rest of their lives. These skills will help student regardless of what path they choose to follow towards final careers.

Writing 115

This course is the precursor to the college level writing series WR121, WR122, WR123 Language Arts classes necessary to meet graduation requirements for a college diploma. It prepares students for WR121. Through the various reading and writing assignments, this course focuses on development of student skills in evaluating and composing essays of various lengths; on active reading, on critical thinking, on increasing vocabulary skills; and on writing clear, detailed, well-organized essays in a variety of genre' forms. This course is designed to help students improve their reading and writing abilities in a dramatic way that will not only positively affect them now, but throughout the rest of their lives. Communication is a key factor in being successful in life. These skill will help student regardless of what path they choose to follow towards final careers.

Writing 121

This course is the first in the series of college level Language Arts classes necessary to meet graduation requirements for a college diploma. It fits the requirements for an Associate Arts or

Transfer degree from most Oregon colleges. Through the various reading and writing assignments, this course focuses on development of student skills in evaluating and composing essays of various lengths; on active reading, on critical thinking, and on writing clear, detailed, well-organized essays in a variety of genre' forms. This course is designed to help students improve their reading and writing abilities in a dramatic way that will not only positively affect them now, but throughout the rest of their lives. Communication is a key factor in being successful in life. These skill will help student regardless of what path they choose to follow towards final careers.

Writing 122

This course is the second in the series of college level Language Arts classes necessary to meet graduation requirements for a college diploma. It fits the requirements for an Associate of Arts or Transfer degree from most Oregon colleges. Through the various reading and writing assignments, this course focuses on development of student skills in evaluating and composing essays of various lengths; on active reading, on critical thinking, and on writing clear, detailed, well-organized essays in a variety of genre' forms. This course emphasizes style of expression, logical thought and evidence, argumentative approaches and strategies.

Social Sciences

Social Studies 7/8

This course is based entirely on the Oregon Common Core Standards established for 7th and 8th Grade Social Studies. It will cover United States History from European Colonization of North America through the Reconstruction Period at the end of the Civil War.

US History

Covers the history of the United States from Reconstruction to the Present day. Focusing on culture, key events and popular movements that have shaped our country.

Gov/Econ

Focuses on Economic and Government systems that run our country and world. When students leave, they will be prepared for the duties and rights of Citizenship. Personal Finance will also be covered.

Modern Problems

This class will cover current events as well as other historical issues of Social Studies. The class will have an emphasis on debate, encouraging students to see current events as problems with multiple perspectives and solutions.

Public Speech

Students will grow their ability to speak in public, a necessary skill to succeed in the job market. Speech writing and preparation will also be a focus.

Fine Arts

Spanish

Spanish 1,2 and 3 all have an emphasis on reading, writing, speaking and listening in Spanish. We do as much translation work as possible, a valuable school-to-work skill!

Exploratory Language

Students will learn about culture, language, and geography of various countries by studying language, music, art, literature and maps.

Sciences

Integrated Science 7

Integrated science in the 7th grade focuses on the following: To explore and apply basic concepts of Science. To learn to approach science as a process of asking questions that can be answered through observation and testing. To develop better skills in problem solving. To explore the role science plays in everyday life.

Integrated Science 8

Integrated science in the 8th grade focuses on the following: To explore and apply basic concepts of Science. To learn to approach science as a process of asking questions that can be answered through observation and testing. To develop better skills in problem solving. To explore the role science plays in everyday life. To review and prepare for the 8th grade Oregon State Science Test.

Anatomy

Human Anatomy and Physiology focuses on the following: To explore and clinically apply basic concepts of human form and function. To learn to approach science as a process of asking questions that can be answered through observation, study and testing. To develop better skills in problem solving. To explore the role of entry level health care delivery.

Biology

This course gives a general understanding of what modern biology is all about including an exploration of scientific thinking, methods, equipment, and experimentation. The course covers the life science state standards, specifically the structure and function of cells, energy use in cells, cell division, the chemistry of living systems, sources of genetic variation, how the genetic code is translated into proteins, the basic principles of evolution, and the interactions among living and nonliving things in an ecosystem.

Honors Biology

Eastern Promise course offering college credits in biology 101, 102, and 103. A rigorous, college-level course of basic biology topics that expands on the knowledge gained in the general biology course. Additional topics include plant evolution, diversity, form and function, a study of invertebrates, and an exploration of vertebrate form and function. *Prerequisites: Passing grade of C or better in biology and physical science.*

Forensics

The emphasis of this course is problem solving using forensic science by using a hands-on, inquiry approach. Observing, inferring, and using critical thinking skills are emphasized as students learn the basics of what a forensic scientist does. Students will learn how to analyze fingerprints, hair, fibers, drugs, blood, DNA, soil, handwriting, and other material evidence while investigating “crime scenes”.

Physical Science

This course is designed to serve as a foundation for future high school science courses. It will emphasize the basic laws of chemistry and physics as well as an introduction to natural resources. Laboratory, problem solving activities and assessments will be utilized to master science concepts.

Science, Technology and Society

In this class you will learn how social, political, and cultural values influence scientific research and technological innovation, and how society, politics and culture are affected as a result to the research and innovation. We will investigate a variety of problems including the relationships between scientific and technological innovations and society, and the directions and risks of science and technology. We will explore the relationship between what scientists and engineers do and the constraints, needs, and responses of society. Specific topics to be addressed might include pollution, recycling, climate change, carbon trading, the internet, how computers have changed human interactions and health, potential effects of wi-fi radiation, medical advances, genetic engineering, genetically modified food and the effects of consumerism on our earth. Laboratory, problem solving activities and assessments will be utilized to master science concepts.

Chemistry

This course will cover chemistry which is the branch of science that covers the identification of the substances of which matter is composed; the investigation of their properties and the ways in which they interact, combine, and change; and the use of these processes to form new substances. Laboratory, problem solving activities and assessments will be utilized to master science concepts.

Physics

Physics is the science of matter and energy and of interactions between the two, grouped in traditional fields such as acoustics, optics, mechanics, thermodynamics, and electromagnetism, as well as in modern extensions including atomic and nuclear physics, cryogenics, solid-state physics, particle physics, and plasma physics. Laboratory, problem solving activities and assessments will be utilized to master science concepts.