



Murl Windsor Academy

High School Curriculum

Subject: Language Arts

- Reading: Students will analyze and comprehend complex literary and informational texts, exploring themes, analyzing character development, and evaluating author's craft.
- Writing: Students will develop advanced writing skills, including argumentative, informative, and narrative writing, focusing on clarity, organization, and evidence-based reasoning.
- Speaking and Listening: Students will engage in thoughtful and respectful discussions, make formal presentations, and demonstrate active listening skills.

Subject: Mathematics

- Algebra: Students will study algebraic concepts, equations, functions, and problem-solving strategies.
- Geometry: Students will explore geometric concepts, including shapes, properties, angles, and proofs.
- Statistics and Probability: Students will learn about data analysis, probability, and statistical reasoning.
- Calculus: Students will study differential and integral calculus, as well as their applications.

Subject: Science

- Biology: Students will study biological concepts, including cell structure, genetics, ecology, and evolution.
- Chemistry: Students will explore chemical principles, atomic structure, chemical reactions, and the periodic table.

- Physics: Students will study concepts related to motion, forces, energy, electricity, magnetism, and waves.
- Earth/Space Science: Students will learn about Earth's systems, geology, climate, astronomy, and the universe.

Subject: Social Studies

- United States History: Students will examine key events, figures, and ideas that shaped American history from colonization to the present day.
- World History: Students will study major civilizations, events, and trends in world history from ancient times to the present.
- Economics: Students will learn about economic principles, including supply and demand, market systems, personal finance, and global economics.
- Government and Civics: Students will explore the structure, functions, and principles of government, including the Constitution, rights, and responsibilities of citizens.

Students have the opportunity to choose elective courses based on their interests and career goals. Examples include visual arts, performing arts, computer science, physical education, health, business, technology, and vocational courses.

Physical Education

- Development of fundamental movement skills
- Health and wellness, including nutrition and fitness
- Team sports, individual activities, and cooperative games
- Safety education and injury prevention

Fine Arts

- Visual arts, including drawing, painting, and sculpture
- Performing arts, such as music, theater, and dance
- Art history and appreciation
- Creative expression and exploration of artistic techniques

Foreign Language

- Introduction to a foreign language, such as Spanish.
- Vocabulary and basic language skills
- Cultural awareness and appreciation

Culinary Arts

- Introduction to kitchen safety and sanitation practices
- Basic cooking techniques and food preparation skills
- Exploring different ingredients and flavors
- Nutrition and healthy eating concepts
- Culinary creativity through recipe development and presentation

Soccer

- Developing fundamental soccer skills, such as dribbling, passing, and shooting
- Understanding game rules and strategies
- Practicing teamwork and sportsmanship
- Enhancing physical fitness and coordination through drills and gameplay
- Learning about the history and cultural significance of soccer

Music

- Exploring various musical instruments and their sounds
- Introduction to music theory, including reading sheet music and understanding rhythm
- Singing and vocal techniques
- Participating in ensemble performances and musical activities
- Appreciating different genres of music and famous composers

Flag Football

- Learning basic football skills, including passing, catching, and flag-pulling
- Understanding game rules and strategies specific to flag football
- Practicing teamwork and sportsmanship
- Enhancing physical fitness, agility, and coordination through drills and gameplay
- Building a foundation for future involvement in organized football

Volleyball

- Developing fundamental volleyball skills, such as serving, setting, and hitting
- Understanding game rules and strategies
- Practicing teamwork and sportsmanship
- Enhancing physical fitness, coordination, and agility through drills and gameplay
- Learning about the history and cultural significance of volleyball

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Home Economics

- Introduction to basic life skills, including cooking, cleaning, and organization
- Budgeting and financial literacy concepts

- Sewing and basic clothing care techniques
- Exploring interior design and home decoration
- Promoting independent living skills and responsible decision-making

STEM (Science, Technology, Engineering and Mathematics)

- Engaging in hands-on experiments and projects related to science, technology, engineering, and mathematics
- Applying critical thinking and problem-solving skills to real-world challenges
- Utilizing technology tools and software for data analysis and presentation
- Collaborating in team-based activities and projects
- Exploring various STEM fields and career opportunities