

2024-2025 8th Grade Scheduling

All 8th graders will be scheduled to take:

- Math
- Language Arts
- Social Studies
- Science
- Lunch
- Advisory (lunch study hall)

All 8th graders will be able to **CHOOSE TWO** of the following electives:

- Orchestra
- Band
- Choir
- Physical Education (full year)
- Art (full year)
- Art and PE (semester each)
- Tech Wheel (Intro to Money, Computer 8, Medical Detective, and Tech Ed)
- Advanced Automation and Robotics and Advanced Medical Detective (semester each)
- Spanish
- French
- Arabic

Student First Name: _____ Last Name: _____

Please choose only TWO of the following electives:

- ☐ Orchestra
- ☐ Band
- ☐ Choir
- ☐ PE (full year)
- ☐ Art (full year)
- ☐ PE and Art (semester each)
- ☐ Tech Wheel: Intro to Money/Computer 8/Medical Detective/Tech Ed
- ☐ Advanced Automation and Robotics and Advanced Medical Detective
- ☐ Spanish (see requirements)
- ☐ French (see requirements)
- ☐ Arabic (see requirements)

North Olmsted 8th Grade Electives Course Catalog 2024-2025

SPANISH, FRENCH, or ARABIC (Full Year)- These are high school course electives that will be on the student's high school transcript. **Criteria used to determine eligibility includes an average grade of B or higher in Language Arts and a cumulative gpa of 3.0**

BAND (Full Year) – This class is open to all NOMS students without audition. Students are responsible for providing their own instrument and will need to purchase a book. The class will be divided into intermediate band and advanced band based on playing ability. There will be 2 evening concerts throughout the year and an opportunity to compete at the OMEA contest.

ORCHESTRA (Full Year) - This class is open to all NOMS students without audition. Students are responsible for providing their own instrument and will need to purchase a book. The class will be divided into intermediate orchestra and advanced orchestra based on playing ability. There will be 2 evening concerts throughout the year and an opportunity to compete at the OMEA contest.

CHOIR (Full Year) – This class is open to all NOMS students without audition. The focus of choir is to be a family of singing, exploring many fun styles of music from classical to barbershop harmony and novelty numbers. Members will learn the basics of vocal technique and sight-reading in order to become functional, confident singers. Concert Choir performs at NOMS concerts and will hope to compete at OMEA large group contest.

PHYSICAL EDUCATION (Full Year or 1 Semester) – PE is designed to provide students with the necessary skills to participate in various team and individual sports. Students will learn rules, terminology, skills, and strategies used to actively participate in these sports. A major focus of the class is on personal and lifelong fitness. Students will learn, through multiple activities, how to maintain an active, healthy lifestyle.

ART (1 Semester) – This course is designed to provide students with a studio-based experience in which they can explore a variety topics in art and design through the use of different media. Students will gain experience with drawing, painting, printmaking, sculpture, and more, and will be challenged to think creatively and critically.

ART (Full Year) – This a year long course designed to provide students with an exciting and challenging studio-based art experience. The course will offer a detailed exploration of various media and techniques. Students gain a fundamental understanding of the principles of art and design and learn to look at art works the art making process critically and analytically.

INTRO TO MONEY (1 Quarter) –Students will learn the importance of saving money and how to spend it wisely. Topics covered include: comparison shopping, banking, stock market, interest rates, loans, credit and debit cards, insurance, and taxes.

MEDICAL DETECTIVE (1 Quarter) – Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose diseases and study DNA evidence left at a “crime scene”. They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

TECHNOLOGY EDUCATION (1 Quarter) – Students will delve deeply into using technology to design, create, and apply technology skills they have learned in prior courses.

COMPUTER 8 (1 Quarter): Students will take what they've learned about technology in prior courses to grow as creators and producers of technology-based content.

ADVANCED AUTOMATION AND ROBOTICS (1 Semester): In this semester course, students will use the VEX Robotics platform to design, build and program real-world objects. They will use knowledge of gear ratios to build the fastest dragster and race their classmates and apply gear mechanisms to build structures such as pull toys, vehicles, and carnival rides. The RobotC computer program will be used by students to write code to program their robots. Throughout the course, students will be challenged to improve their creative and spatial reasoning thinking along with increasing their problem solving skills. **Students that sign up for Advanced Robotics must also sign up for Advanced Medical Detectives.**

ADVANCED MEDICAL DETECTIVES (1 Semester) - In this semester course, students will take an in-depth look at the human body as they play the role of various medical professionals. They will analyze genetic testing results to diagnose disease and study DNA evidence, solve medical mysteries through hands-on projects, dissections, and labs, and investigate how to measure and interpret vital signs. This course will challenge students to think critically, work collaboratively, and apply medical ethics to discover how the various human body systems work together to maintain human health. **Students that sign up for Advanced Medical Detectives must also sign up for Advanced Automation and Robotics.**