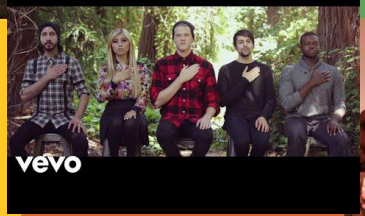
7th and 8th Grade Electives

Music Department

NMS CHOIR

Improve your singing, musicianship, and performance skills

Create friendships that will last through the years



Create

Teamwork

NMS 7th & 8th Orchestras

Play

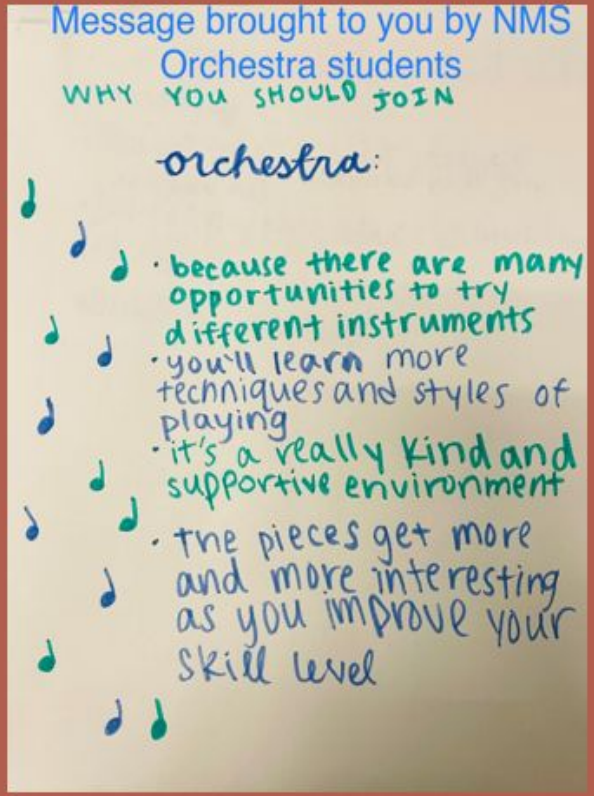
Beginners and 2nd/3rd yr musicians

Perform

Friends

Why Should I Do Orchestra?

- Fun!
- Master of Music!
- Team!



ANYONE can Learn a Band Instrument!

We have three levels of band from total beginner to advanced for you to choose from:

1. **Cadet Band**
   Can't read music yet? No problem! We teach you everything you need to know to read music and play a band instrument. NO EXPERIENCE NECESSARY!
   (6–8 Grade)

2. **Concert Band**
   Have you played a band instrument for one ONE FULL YEAR in a school music program? This is the band class you should sign up for!
   (6–8 Grade)

3. **Symphonic Band**
   If you have TWO OR MORE YEARS of band experience, Symphonic Band will offer you more challenging and rigorous playing opportunities as you prepare for high school.
   (7–8 Grade)

Semester Electives

Visual Art

7th and 8th Grade

Create drawings, paintings, portraits, sculptures and a visual journal

Explore graphite, various paints, mixed media, ink, metal embossing, pastels, and more!

Have Fun learn about the CREATIVE PROCESS, and make ART!

Ceramics

7th and 8th Grade

Create hand-built pottery, masks, sculptures, and functional objects

Explore the various stages of clay and the three main techniques for hand-building; coils, slabs and pinch pots

Have Fun EXPRESS YOURSELF and GET MESSY!

***Note: This class cannot be repeated.**

Service Leadership (7th and 8th)

- Develop your empathy, communication and leadership skills
- Build connections with classmates
- Work together as a team
- Peer mentorship with younger students

Yearbook/ Journalism

Yearbook develops a love for photography, design or the written word.

It encourages those looking for a creative outlet an opportunity to be a part of a memory book that is long lasting and cherished.

What skills do you gain:

- ➔ Leadership
- ➔ Time Management
- ➔ Attention to Detail
- ➔ Writing and technical Skills
- ➔ Basic Photographic Composition

NMS Foods Program

Creative Cooking focuses on local flavors and introductory cooking and baking skills. Compete in cook-offs, including the "Omelets for Teachers" day. Finish the year with a Food Truck competition!

Open to 7th & 8th Grade students

Gourmet Foods focuses on international cuisines and flavors. Complete the semester with an "around the world" unit with recipes of your choice!

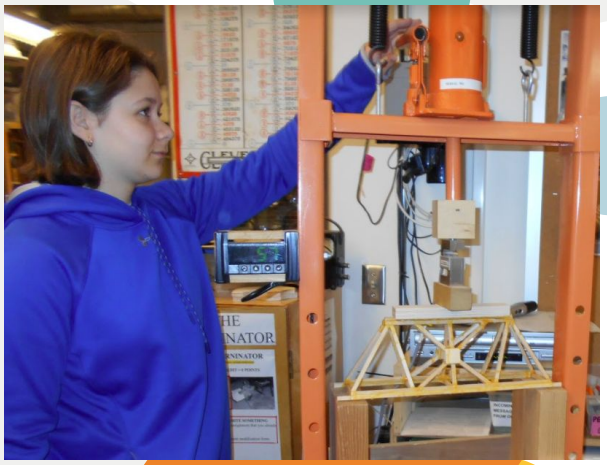
Open to 7th & 8th Grade students

Drama Classes

6th, 7th & 8th grade

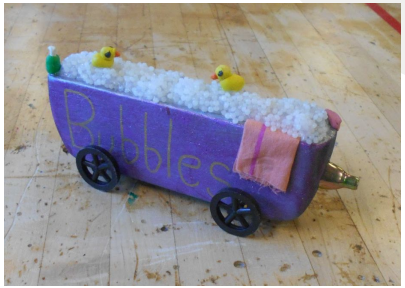
- Pantomime invisible objects
- Fun improvisation games
- Write your own original scripts
- Perform group scenes w. friends
- Public speaking skills
- School-wide presentations

Exploring Technology I and II



Hands on learning :

- Creative design and building
- Class competitions
- Woodworking
- Electricity / electronics
- Full woodworking shop – laser cutter
- Technology / science connections



Computer Science 1 (7th and 8th)

Introduction to Python Programming

- Master basic coding concepts common to all programming languages such as statements, conditionals, loops, libraries, graphics, etc.
- Create games, animations, and other interactive programs in Python. Lots of creative freedom!
- Learn about computer science careers.
- Collaborate with others and have fun!

No coding experience is needed to be successful in the class. For those with some programming experience, the course can be tailored to meet your needs. If you have a lot of experience, consider CS2.*

*** Teacher Approval Needed**

Example Interactive Programs:

- Fill-in-the-Blank Mad Libs
- Choose Your Own Adventures
- Pizza Calculator (Order "App")
- Pick a Pet Program
- Last Cookie & Card War Games
- Rock-Paper-Scissors AI

Example Graphics Programs:

- Dream House Drawing
- Dancing Stick Person
- Tortoise vs. Hare
- Water Balloon Drop
- Pong Game
- Zen Flycatcher

Computer Science 2 (Primarily 8th)

Intermediate Python Programming

- This course is a continuation of the middle school computer science pathway.
- Students will utilize previous knowledge and skills from the Computer Science 1 (CS1) course to expand their understanding of the Python Coding language and develop more complex games, animations, and programs.
- Topics include: Lists, For-Each, For-Range, Sprites, Functions, and Complex Parameters.

Students who did not take CS1 the previous year will need to get teacher approval before enrolling in CS2 in order to confirm experience and understanding of the CS1 concepts.

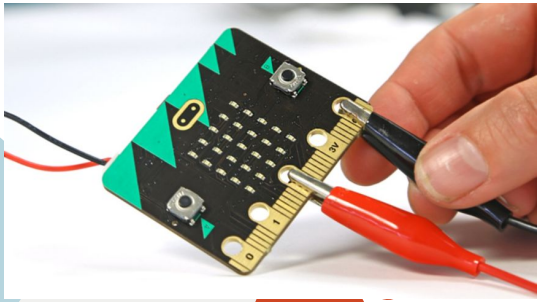
Note: You will have the opportunity to take courses in Java and C++ at the high school level.

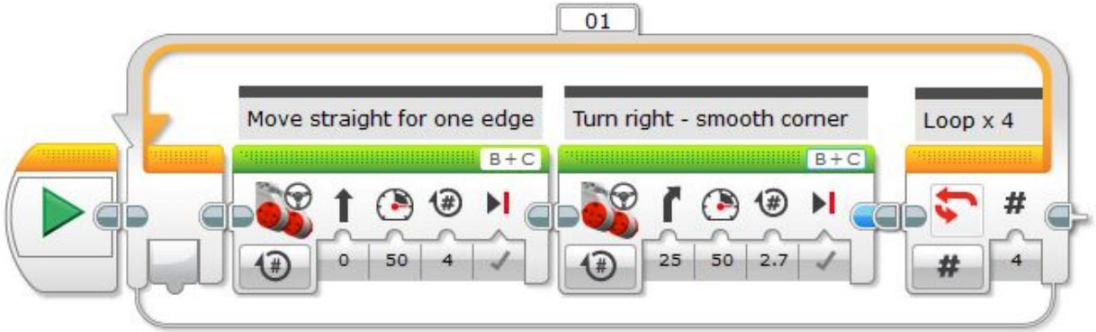
8th Grade Only

Robotics

Building and programming robotics devices :

- Fun challenges – problem solving
- Lego EV-3 Robots
- Instructional materials from Carnegie Mellon Robotics Academy
- Microprocessors
- Teamwork
- Exploration
- Current trends in robotics





¡Aprender **Español** en Octavo Grado es Divertido!

(Learning **Spanish** in Eighth Grade is Fun!)

Do you have a high interest in learning **Spanish** or want to get a jump start preparing for college? Enroll in the **High School Spanish Course** offered on our NMS campus and you will earn a **HS credit**! Whoa, cool, right? Start with 100 at NMS and continue with the more advanced levels(200-500) at Inglemoor. You will dialogue with others, conjugate verbs, learn the necessary grammar and vocabulary to communicate, enjoy puppet shows, create skits, do arts and crafts, prepare foods, and make your first piñata.

Library TAs

- Read and recommend books to other students
- Help students with the catalog to find books
- Check in and check out books
- Create book displays
- Shelve books in order
- Help classes with research skills
- Help with crafts at the makerspace

Click to hear from students that have been Library TAs!

NMS CAFE

- 8th grade only semester class
- Cook food and make drinks for sale
- Profits benefit the Foods Program
- Application only program:
  - B or higher in either Creative Cooking or Gourmet Foods
  - Completed application

If you've taken Gourmet Foods or Creative Cooking, please apply!

Classroom and Office Teacher Assistant (TA)

Leadership Role on Campus for:

- ➔ Students who model LEAD Expectations
- ➔ Students who are helpful and personable with adults and peers
- ➔ Students who conduct themselves in professional manner
- ➔ Strong Attendance

Examples of TA tasks:

- ➔ Running passes to classrooms
- ➔ Making copies for teachers
- ➔ Preparing materials for teachers

* Confidentiality: Information about students and staff members is confidential. Any and all things you see or hear are confidential and must not be repeated. Students will be required to sign and non-disclosure contract

Goal: To become familiar with the way typical children learn and how learning disabilities affect this learning.

Students will:

- Learn to work with and better understand their peers with disabilities
- Use skills to mentor students with disabilities
- Be responsible for guiding students with academics, daily living, and social skills

THE END