

CALENDAR

April 6 – 10	Spring Break – Have Fun and BE SAFE!	
April 14 – 22	CMAS Testing (Science and Social Studies)	
April 14	Track – Altona @ Trail Ridge (Skyline Field) – 3:30 p.m.	
April 17	Track – 6 th Grade ONLY – Lyons Middle/Senior HS – 3:30 p.m.	
April 21	Track – Twin Peaks and Sunset @ Altona (Silver Creek Field) – 3:30 p.m.	
April 25	District Track Meet – 7 th and 8 th Grade ONLY – Longmont HS Field – 9:00 a.m.	

ODYSSEY OF THE MIND



Altona has had a very successful Odyssey of the Mind season. Altona had four teams that competed in the Regional Tournament on Saturday, March 14th. The teams were judged on their Long Term Solution, Style, and Spontaneous Problem solving. One team competed in Problem 3 Pandora's Box, finished 4th, and advanced to the State Tournament. Two teams competed in Problem 4 Lose Your Marbles, finished 1st and 2nd, and both teams advanced to the State Tournament. One team competed in Problem 5 Silent Movie and finished 7th.

Altona's three state qualifiers competed this last weekend at the State Tournament at Fort Collins High School. All three teams qualified for World Finals that will be held at Michigan State University in East Lansing, MI, from May 20 – 23. The three Altona teams had the following results from the State Tournament.

The Problem 3 team took 2nd place. They also received the Omer award for teamwork. The judges quote was "They gave an incredible performance with a strong display of teamwork and unity despite losing a team member last night." A team member broke his arm Friday night and competition was early Saturday morn.

The Problem 4 teams took 1st and 2nd place. This is the fifth straight year that Altona has been the State Champion for Problem 4. This is also the second straight year that Altona placed 1st and 2nd in this problem and advanced both of their teams to World Finals. Altona Team B held the most weight in Long Term with their 18 gram balsa wood structure holding 640 lbs. and finished 2nd overall. Altona Team A held the second highest weight at 535 lbs. in their Long Term solution and had the highest scores on Style and Spontaneous to finish 1st overall. Both teams held weights that rank in the top 10 in the U.S. for the state tournaments that have been held so far.

Team Members for the teams are as follows:

Problem 3 *Pandora's Box* – 4th at Regionals, 2nd at State, advances to World Finals

Ian Blakely, Sarah Eisenberg, Blake Harris, Jeffrey Hew, Katie Lam, Ming-Yuan Liew and Poetica Wang

Problem 4 *Lose Your Marbles* Team A – 1st at Regionals, 1st at State, advances to World Finals
Adam Benson, Ryan Benson, Sophie Gehorsam, Lily Herring, Reece Rarden, Lucy Roper and Abby Sparks

Problem 4 *Lose Your Marbles* Team B – 2nd at Regionals, 2nd at State, advances to World Finals
Zachary Baker, Dakota Barnes, Luke Hair, Ryan Kalfas and Garrett Wood

Problem 5 *Silent Movie* – 7th at Regionals
Gabrielle Ardila, Ekta Ariyur, Owen Hartman and Advika Jayanti

NATIONAL JUNIOR HONOR SOCIETY

The National Junior Honor Society (NJHS) is the nation's premier organization established to recognize outstanding middle level students. More than just an honor roll, NJHS serves to honor those who have demonstrated excellence in the areas of Scholarship, Leadership, Service, Character and Citizenship.

In addition to attending bimonthly meetings, members of NJHS are expected to help plan and participate in leadership and service activities throughout the year, including, but not limited to peer tutoring, fund raising, volunteering and service projects. Being a member of the organization is both an honor and a responsibility.

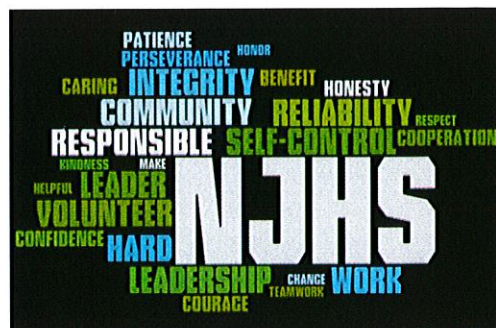
A few of the activities NJHS members participated in during the 2014-2015 school year are:

- Raised \$788 for Boulder County Second Wind Fund
- Held a shoe drive and collected over 900 pairs of shoes
- Tutoring in Morning Academic Club and the Homework Club
- Blanket Drive for the homeless
- Turkey Tot
- Santa's Workshop
- Hygiene drive for the Tennyson Center

If you are a 6th or 7th grader with a 3.5 cumulative Grade Point Average we encourage you to apply. A completed application includes 3 parts:

1. Google Form Application: <http://goo.gl/forms/HydHqCOAwD>
2. Recommendation: https://docs.google.com/document/d/1xQHsv6299ctShP1OCgYGnQjbjkdU5f3-0SI_wTLahQ/edit?usp=sharing
3. Signature Page: <https://docs.google.com/document/d/1BljbtNV0Vho7hHD3iBAOhajQ1XN9hpF-a1sOzvN5Y5I/edit?usp=sharing>

Applications are due on April 24, 2015 at 4:00 PM.



COMMUNITY NEWS

Call for Nominations: Raytheon Math Heroes grant

Hey all, The 2015 Math Heroes nomination period has launched.

If you are not familiar with this annual Raytheon program, we honor up to 30 middle and high school math and science teachers across the country for their commitment to STEM (Science, Technology, Engineering and Math) in the classroom, awarding the teacher a \$2,500 each, along with a matching grant of \$2,500 for each of their schools.

Anyone can nominate a teacher, its open to the community. **The nomination period closes April 30.** For more information about the [Math Hero Award program](#), including eligibility and submission requirements, please visit www.mathmovesu.com.

SVVSD APPROVED FLYERS - April 2015

Link to Flyers: <http://svvsd.org/files/April-2015-Combined-Flyers.pdf>

NAME	WHAT SCHOOLS?
Kids Nite Out Fundraiser	All elementary and middle schools
Longmont Athletic Club Swimming	All elementary & middle schools
Sailing Summer Camps	All schools
UNC Summer Camps	All schools
Critters, Creeks & Crows	All schools
White Dragon Martial Arts	All schools
Boulder County Kids Sale	All elementary schools
G'Knight Bike Rides	All schools
Renaissance Adventures	All elementary and middle schools
Tux Rental	All high schools
Dizzy Family Fun Center	All schools
SVVSD Technology Fair	All schools
RYLA Camp	All 7 th graders
Fridayz	All middle & high schools
Goodbye Allergies	All elementary and middle schools
Earth Festival	All K-12
Frontiere Meats	All schools
Fox Hill Swim Team	All schools
Dream Quest Camps	All schools
Happy Hands Camps	All schools
Tutor Doctor	All schools
Happy Hands Creative Studio	All schools
A Call For Art	All schools
Alpha Martial Arts	All schools
Origin Martial Arts	All schools
Tutoring Club	All schools
Century Link Internet Essentials	All Schools and Staff
Comcast Internet Essentials	All Schools and Staff
Challenge Island	All elementary & middle schools
Twin Peaks Flag Football	All elementary & middle schools
Ryan Bond, DDS	All schools
Apex Movement Summer Camps	All schools

National Junior Honor Society Recommendation Form

You need to get one recommendation from an adult, other than a parent, who knows you well and can speak on behalf of your character, leadership, citizenship, and/or service. This might be a teacher, coach, scout leader, youth minister, etc.. Please give them this form to fill out and then give back to you.

Student Name:

Your Name:

Your Position (teacher, coach, scout leader, etc.):

How long have you known this student and in what capacity?:

The National Junior Honor Society (NJHS) is the nation's premier organization established to recognize outstanding middle level students. More than just an honor roll, NJHS serves to honor those who have demonstrated excellence in the areas of Scholarship, Leadership, Service, Character, and Citizenship.

More than one million students participate in activities of the NHS and NJHS across the country. Chapter membership not only recognizes students for their accomplishments, but challenges them to develop further through active involvement in school activities and community service. Please briefly describe this student's character and citizenship and why you believe they should be considered for NJHS membership.

NJHS Signatures and Parent Information

I understand that completing and submitting this application does not guarantee selection into National Junior Honor Society. I attest that the information presented here is complete and accurate. If selected I agree to abide by the standards and guidelines of the chapter and to fulfill all of my membership obligations to the best of my ability.

Printed Student Name

X

Student Signature

Date

I have read all of the information provided by my son/daughter on the NJHS Application (Google form) and I can verify that it is true, accurate, and complete.

Printed Parent Name

Parent Email

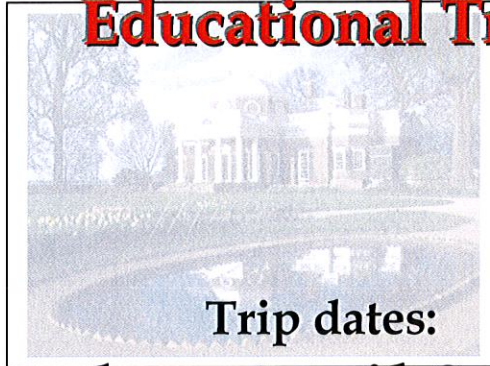
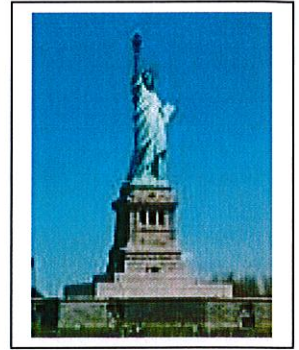
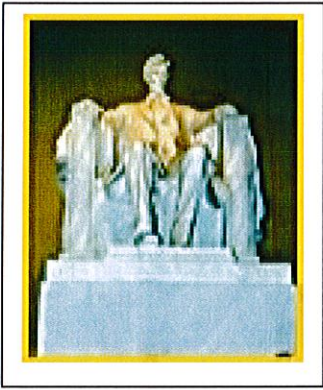
X

Parent Signature(s)

We request this information so that we can notify you regarding important details.

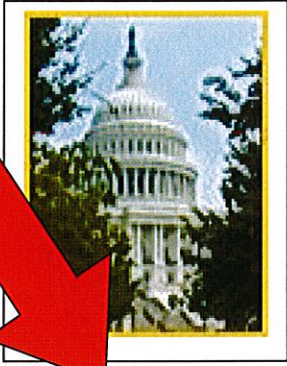
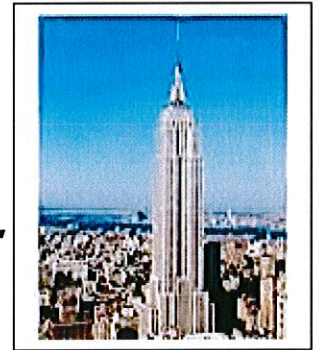
Please return this form to Ms. Mansfield in the counseling office, on or before Friday April 24, 2015 at 4:00 PM.

2015-16 8th Grade Washington, D.C., Monticello, and New York City Educational Trip



Trip dates:

Sunday, April 3, 2016 –
Friday, April 8, 2016



Wow! Such incredible interest this year that the trip sold out in just one week!

Please continue to register. Your student will be placed on the second bus.

What is included in the \$2034 price:

- Airfare to D.C. and back home from N.Y.C.
- 6 days and 5 nights at a nice, clean hotel
- All meals and gratitude on trip
- Bus transportation and bus driver throughout the DC/NYC area
- Tour guides in both cities and Gettysburg
- Entrance and ticket fees to all events
- Night security guard while in hotel
- Hotel on-site World Strides representative
- 24-hour doctor in cases of emergency
- The travel company will take care of all arrangements for unexpected changes to the travel/hotel/transportation/itinerary such as weather or closures
- Register before the early bird deadline of May 31 and save.
- After May 31 early bird deadline the price goes up \$125.

For complete details and registration information please refer to the packet sent home with your child at school assembly on Wednesday, March 4. Additional packets available on "the wall"

Sign up online at www.worldsrides.org. ALTONA's tripid is 116294

Mandatory: for Altona students to participate in this trip they must 1.) maintain all grades C and above, 2.) have no behavior referrals, and 3.) have exemplary attendance.



2015 Westview Summer STEM Academy

Westview Summer STEM Academy celebrates its third year this June. This unique, hands-on project and problem-based program provides fun, high-engaging learning opportunities for students between 5th and 8th grade from across St. Vrain Valley Schools.



June 1-5

Session 1 – 8:30-11:30 a.m.

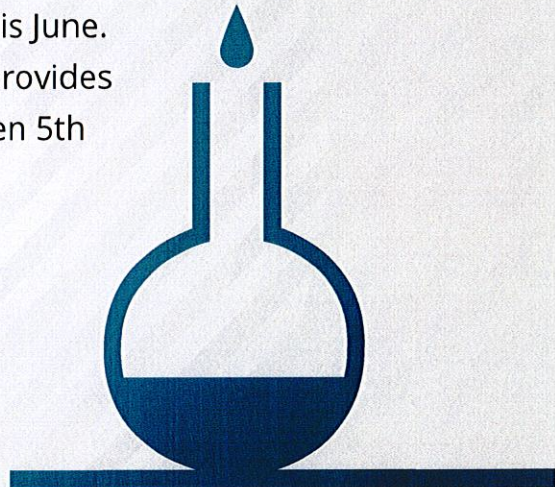
Session 2 – 12:30 - 3:30 p.m.



June 8-12

Session 3 – 8:30 - 11:30 a.m.

Session 4 – 12:30 - 3:30 p.m.



**ST. VRAIN VALLEY SCHOOLS**
academic excellence by design

Learn more about our Summer STEM Academy at wms.svvsd.org.



WESTVIEW MIDDLE SCHOOL

3rd Annual Westview Summer STEM Academy 2015 Class Descriptions

[Register Here](#)

(please use a browser different than Chrome)

(NOW OPEN)

Session 1 - June 1-5 from 8:30 - 11:30

Session 2 - June 1-5 from 12:30 - 3:30

Session 3 - June 8-12 from 8:30 - 11:30

Session 4 - June 8-12 from 12:30 - 3:30

Any students that stay for both a morning and afternoon session will need to bring their own lunch. Students will be supervised during the lunch break from 11:30 - 12:30.

Session 1 - Comparative Anatomy, Medieval Weapons, Robots 1, Rocketry, STEM Punk!

Session 2 - All Around the World, CSI, Have a Heart, Robots 2, Wildflowers 101

Session 3 - Can You Dig It, CSI, Photo Safari, Robots 1, ProCoders

Session 4 - City of the Future, Medieval Weapons, Photo Safari, Robots 2

Sessions 1-4 - Plains to the Park & Documentary Film Making (Two week program for current and incoming Westview students only - **Application required**)

All Around the World (Session 2) - \$100

The wonderful world of... the world! In this class students will apply Google Earth, Google Maps, Geo Positioning Systems, and magnetic compasses to explore the Earth. We will learn to navigate the world with basic orienteering skills as well as solving puzzles to find locations with Geocaching!

Can You Dig It (Session 3) - \$100

Calling all detectives to solve the mysteries of history! Archeology is the study of human history through the collection and analysis of artifacts. In this STEM Academy class, students will put on their felt fedora Indiana Jones' thinking caps and learn to use clues to tell stories through the methods and operations of seasoned Archeologists. Plan on getting your hands dirty... literally in our excavation stations!

CSI - (Formerly Biotechnology) (Sessions 2 or 3) - \$100

Have you ever wondered how law enforcement uses technology to help solve cases? Is what I see on TV real? Is criminal justice the only place these technologies are used? In this hands-on introduction to these topics students will learn about what we can do with technologies such as DNA fingerprinting and genetic testing - including solving crimes and helping endangered species survive.

City of the Future (Session 4) - \$100

Design a plan for a city of the future. Learn about ways to incorporate renewable energy and innovative city planning techniques to design and create your own city!

Comparative Anatomy 101 (Session 1) - \$100

This is the same class as last summer. Only students who did not attend this class last year should register.

Students will dissect 2-3 different animals (fetal pig, frog, shark) and compare and contrast their findings. Students will discuss form and function as it relates to body systems in the different animals. Students will present their findings on the last day.

Have a Heart (Session 2) - \$100

We know you have a heart but, how does it work? Have you heard that exercise is good for your heart? Why is that? How does the blood flow through the heart and body? What happens when someone has a heart attack, what does that really mean? If you've ever wondered how our heart keeps pumping and keeps us going then this is a great class for you. We will be discovering the chambers and function of the heart. Why people are at risk to heart attacks and what happens when someone experiences one. Along with that you will create a model of a heart and get it pumping.

Medieval Siege Weapon Design (Session 1 and Session 4) - \$100

Students explore Newton's laws, projectile motion, simple machines, speed, and mass - all while building and testing model catapults, trebuchets and/or torsion ballistas. Each student will construct and keep working models of the medieval siege weapons to facilitate understanding various topics in physics, and, of course, we will end with a medieval warfare tournament.

Photo Safari (Sessions 3 or Session 4) - \$100 *This class involves a field trip.*

Are you interested in animals, plants, and taking pictures? Then this is the class for you! Learn more about plants and animals when visiting the Denver Botanical Gardens and the Denver Zoo on a field trip Tuesday, June 9. Students will learn photography techniques before visiting the gardens so they are able to gather photographs and information as they explore. When at Westview, we will further explore the plant cycle and photosynthesis as well as animal ecosystems, habitats, and adaptations. Students will use their photographs taken on the field trip to create a Plant and Animal iPhoto Book which will include the scientific information about plants, flowers, and animals they gather. Other takeaways from this class will include a plant that they can grow at home, a fused glass picture frame, and an iPhoto book. The iPhoto books can be turned into a slideshow version or they may choose to purchase their iPhoto book to be enjoyed after this plant, animal, and photo class!

ProCoders (Session 3) - \$100

Students will learn the basics of web coding in this class. They will a variety of programs that help them develop skills to become Pro-Coders! The end product will be a website created from scratch. Students will also have the opportunity to explore aspects of coding that are

most interesting to them.

STEM Punk! (Session 1) - \$100

This class involves a field trip.

In this class, students will explore the design practice, and develop 21st century thinking skills, while traveling back in time - well sort of. Students will explore the world of Steampunk - a social movement and literary style that blends Science Fiction and Fantasy with History. We'll start with an overview of Steampunk culture in literature, music, fashion, and scientific design. Then students will get a chance to create, invent, and innovate! There will be guest speakers and a field trip to Art Smyths in Denver.

Robots 1 (Session 1 or Session 3) - \$100

Enter into the world of Robotics with the Swept Away Challenge. Students will work in Design Teams of 4 to build and compete using the VEX Robotics Design System. Beyond science and engineering principles, a VEX Robotics project encourages teamwork, leadership and problem solving among groups. Students will also be working to meet a deadline so time management and efficiency will be key components to their teams success. All materials are included in this course and this class is designed for students new to VEX robotics with little to no experience.

Robots 2 (Session 2 or Session 4) - \$100

In this class you will use ROBOTC to learn the basics of programming Robots using the VEX Robotics platform and curriculum from Carnegie Mellon University. This class will include direct instruction along with online tutorials from CS2N that will allow you to work at your own pace. You don't need any experience in programming or robotics and any student interested in robotics or programming is welcome to take this class. Students will need to create a CS2N account prior to the first day of class. Instructions will be sent to all enrolled students.

Rocketry (Session 1) - \$100

Do you like to shoot for the stars? Come explore the physics of rocketry! You will have the chance to engineer your own rocket and build a prototype. If needed, we will have rocket kits available. During our launch day, you will get to see all of your hard work in action! 10, 9, 8, 7....2, 1 - BLAST OFF!

Wildflowers 101 (Session 2) - \$100 - Instructor: Mrs. Bennett

This class will involve a field trip.

Discover the wildflowers of Colorado! We will be going hiking to find and identify a variety of wildflowers in our state. We will also dissect, plant, sketch or paint, and press wildflowers in this class. This is a great opportunity to learn about the beauty of our state and its flora.

Plains to the Park & Documentary Film Making (All 4 Sessions - \$300 -For Current and Incoming Westview Students Only) Instructors: Mr. Cribby and Mr. Kline

This joint project between Westview Middle School (St Vrain Valley Schools) and Rocky

Mountain National Park will help train 'Citizen Scientists' in the ecological field research techniques necessary to monitor the ecological health of the Endovalley/Fall River drainage in Rocky Mountain National Park. This 2 week course will feature multiple days in the Park, conducting field research focused on two animals (Wilson's Warbler, puma) and one plant community (willow).

Students will have classes at Westview where they learn the protocols used by scientific researchers as well as days of field research in the park. Students will document their work following standardized methods used by professional researchers. In addition, a separate team of students will work to document the entire process in a film making project. The film crew will follow the scientific research team and help make videos to communicate their work. These two programs will work concurrently, however students will either participate as film crew or science researchers (not both).

This is an intensive two week program, filling all 4 sessions of the STEM Academy. Students must apply to participate in this program, and applicants will be selected to fill limited slots. When students apply they must choose to be either a scientific researcher or a member of the video production team. You can contact Mr. Cribby for more information about the scientific research program or Mr. Kline for more information about the video production program (Both are Westview staff).

[Here is the application.](#) The due date to apply is April 3. All applicants will be notified by mid to late April.

BUILDING COURAGE,
REDIRECTING MISBEHAVIOR

JOIN US! ==

 **FRIENDSFIRST™**
presents

APRIL
22ND
6:00-8:00PM

ANDREA MOSBY
PARENT EDUCATION SEMINAR

ALTONA MIDDLE SCHOOL
4600 CLOVER BASIN DR.
LONGMONT, CO 80503
RATTLER DEN

●●● FREE EVENT ●●●

Parent Education Seminars help parents and teens to communicate more effectively, equip parents with tools and skills to curb the cultural tide of a sexually saturated society, and contribute to positive youth development.

All Parents, guardians, caretakers of
AMS students are welcome

CATERED DINNER PROVIDED

Please contact
Kelsie Brown
kbrown@friendsfirst.org
to RSVP by April 20th

Empowering teens to make positive life choices and develop healthy relationships through education and mentoring.

P: 720.981.9193 | INFO@FRIENDSFIRST.ORG | WWW.FRIENDSFIRST.ORG