

JR TROJAN WEEKLY NEWSLETTER

January 17, 2020

MARK YOUR CALENDAR

- Martin Luther King Day observance. No school on Monday, January 20th.
- Parent Council Meeting at 6:00 pm on January 28th



East Lansing Public Schools

Amy Martin, Principal

John Atkinson, Assistant Principal

517-333-7600, 517-337-6586 (Fax)

MMS@MMS

Every Monday MMS recognizes Mighty MacDonald Students otherwise known as **MMS@MMS**. These are students who do the right when nobody is looking. They are students who go above and beyond, put others before themselves and simply make MMS a better place. Students are announced on the morning announcements and will receive a small token of appreciation. This week's MMS@MMS are: 6th graders: Liam P., Charlott B., Jordain W., Legend H., Sai B., Raneira A., Nolan S., Taylor M., Katherine A., Ciera A., Tania D., Connor M., Maggie C., and Elijah J.; 7th graders: Owen S., Benni E., Reena N., Geoffery D., Ethan H., Aileen M., Alex W., Peyton R., and Ayden S., Cameron E., and Karyme G.; 8th graders: June A., Alicia S., Tyson H., Sameeha A., Jerolyn K., Soo Yun M., Albion S., Kai M., JJ V., Samuel P., Gwen F., and Andrew W.

Congratulations Students!

SCIENCE OLYMPIAD

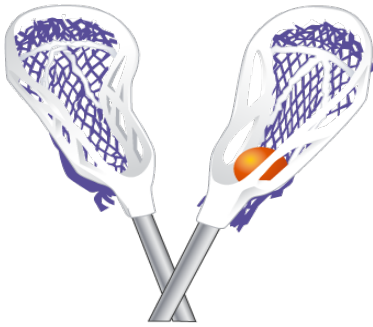
Our Science Olympiad team has begun to meet Monday's after school in Mrs. Jackson's room, room 122. If you're excited about science, enjoy challenging yourself, and like to represent our school, please consider joining. Any interested students are welcome. **Come join the fun!**

SCIENCE AND ENGINEERING FAIR

The MMS Science and Engineering Fair is February 27th from 6-8 pm in the MMS Cafeteria.

There are two categories for the competition: Scientific Experiments and Engineering Projects. See the attachment for more details on how to prepare a display in these two categories. The first 50 participants get an event t-shirt and top prizes include Apple AirPods and iTunes gift cards. Registration is open now through February 10th – use link below to sign up. Email jlathom@gmail.com with questions.

https://docs.google.com/forms/d/e/1FAIpQLSfgQNWb3FDfIQmKrVjPctgjfhUHU922TxbUsvyJT-qk5eia7Q/viewform?usp=sf_link



FREE LACROSSE CLINIC STARTS THIS SUNDAY

Hey MMS students! Is Lacrosse something that might interest you? Well, you're in luck. Starting this Sunday MMS will be hosting Lacrosse clinics. **Please see the attached flyer for more information.** Hope to see you there.



MSU GIFTED AND TALENTED EDUCATION OFFICE

Informational meeting for the GATE (Gifted and Talented Education) program is coming soon. Come learn more about the weekend and full week programs geared towards gifted students! For grades 2-11. **Please see the informational flyer attached.**

YEARBOOK INFORMATION

The yearbook club is busy working on the 2019-2020 MMS Yearbook. ***We need your help! We need your photos.***

Anyone with photos that could be used in the MMS yearbook (especially fall activities that have already passed) please send them to: mms2020yearbook@gmail.com. Our club will now begin meeting weekly on Wednesdays.

Want to pre-order your yearbook? Cost is \$20

Go to: ybpay.lifetouch.com, use code: 11190920



SEVENTH GRADE JAZZ BAND INFO

1. Jazz rehearsals: 1/16, 1/21, 1/23 @ 7:15 AM
2. Jazz Concert: Thursday 1/23 @ 7:00 PM. Report to MMS by 6:40 PM
3. Future concerts: April 22nd and May 13th

EIGHTH GRADE BAND INFO

1. "Extravabandza," concert is Thursday, February 6th @ 7:00 PM at ELHS.



Winter Wonderland Activity Night at MMS

Our next activity night is coming soon to MMS. Lots of fun activities are planned including dancing, games, basketball and food and drinks. Students will need to present their student id at the door

We are also looking for parent volunteers. Please see the link to the sign up genius below to volunteer to help us out and have some fun.

<https://www.signupgenius.com/go/10C0F45AFAA2BABF2-macdonald1>

Also, please see the attached flyer for more information

Please join us for the
MacDonald Middle School Science and Engineering Fair
Thursday, February 27, 2020 from 6-8pm



Registration is due no later than February 10th

Register online at: <https://drive.google.com/open?id=1KPZDOKj-QIjBIWR6UThms2qHJgOEGG2J-mP8HIhaZhY>

Open to ALL students in 6-8th grades!

This is a FUN opportunity to do a science project and present it to your family and friends. Students will choose their own projects, complete them at home (parents can help), and create a visual display to share. Students can work alone or with a partner. Please have both partners fill out a registration form online and indicate that they will be working together. The first students to submit their forms will receive a t-shirt. Judges will select a winning Science Experiment and a winning Engineering Project.

TOP PRIZES include Apple AirPods and Apple iTunes gift cards
Enter the competition to win!

Types of projects allowed include:

- **Science Experiments** (e.g., what kind of paper towel is most absorbent?)
- **Engineering Projects** (Identify a problem and propose a method for solving it)

Students will be responsible for doing their project and preparing a display board for this event outside of regular school hours.

Rules for projects:

- Nothing dangerous (if you don't know if it's dangerous, ask your parents or a teacher)
- No live animals
- If your project is messy, you are responsible for cleaning it up

Questions? Email Jennifer Lathom jlathom@gmail.com

Registration is due no later than Monday, Feb 10, 2020

Register online at: <https://drive.google.com/open?id=1KPZDOKj-QIJBWR6UThms2qHJgOEGG2J-mP8HlhaZhY>

Important Information

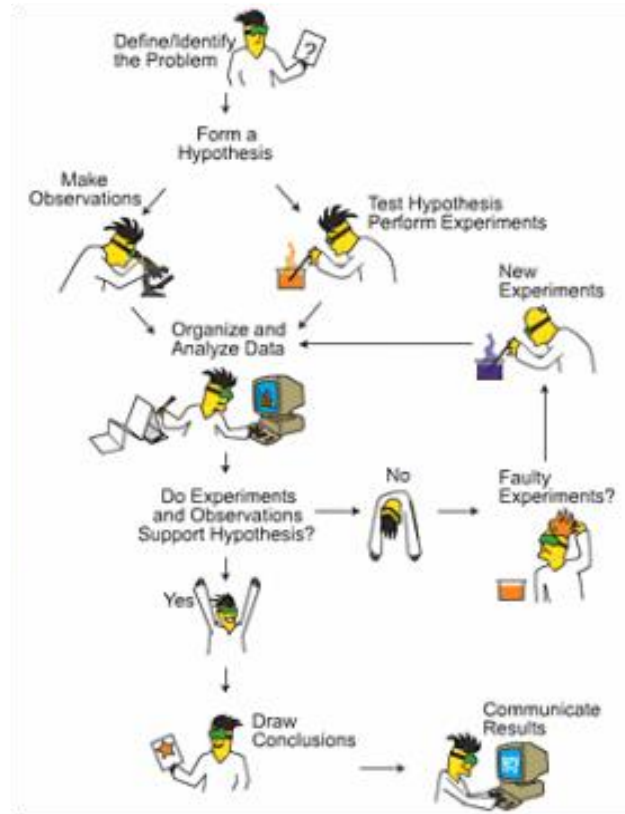
- The Science & Engineering Fair will be held February 27th from 6-8pm in the MMS Cafeteria. Project set-up will begin at 5:30pm.
- Students may only work alone or with ONE partner. Larger group projects will not be judged or eligible for prizes.
- Registration must be completed online by Monday, February 10, 2020.
- Projects will be judged by local scientists and engineers in our community according to the attached rubrics.
- Be sure to be answering a scientific question by doing your experiment or project – not just do a cool demonstration. Experiments and projects often have 2-5 trials!
- Students are not required to give a formal presentation, but they may discuss their projects with the judges or be asked questions during the judging process.

Registration is due no later than Monday, Feb 10, 2020

Register online at: <https://drive.google.com/open?id=1KPZDOKj-QIJBWR6UThms2qHJgOEGG2J-mP8HIhaZhY>

Consider these steps when preparing your scientific experiment!

Science experiments have multiple trials; it's not just one and done! When you are deciding on an experiment to do make sure it can be tested repeatedly. Please look at the infographic below for more information.



SCIENTIFIC METHOD

PURPOSE

State the problem.

RESEARCH

Find out about the topic.

HYPOTHESIS

Predict the outcome to the problem.

EXPERIMENT

Develop a procedure to test the hypothesis.

ANALYSIS

Record the results of the experiment.

CONCLUSION

Compare the hypothesis to the experiment's conclusion.

Science experiments will have variables!

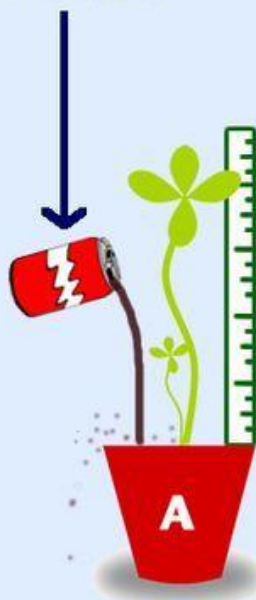
Types of Variables

Independent

The one thing you change.
Limit to only one in an experiment.

Example:
The liquid used to water each plant.

Independent Variable



Dependent

The change that happens because of the independent variable.

Example:
The height or health of the plant.

Dependent Variable



Controlled

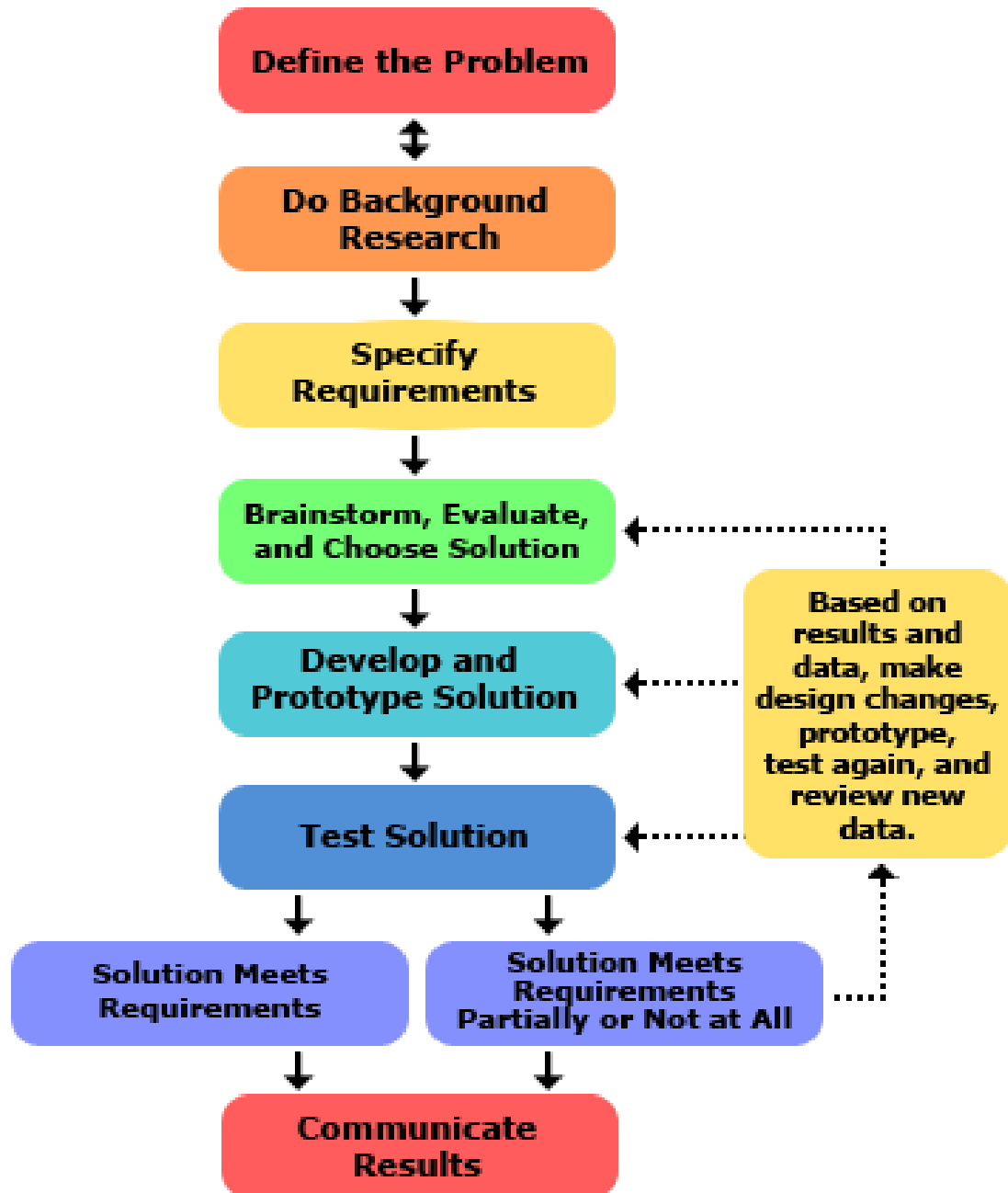
Everything you want to remain constant and unchanging.

Example:
Type of plant used, pot size, amount of liquid, soil type, etc.

Controlled Variables



Engineering Method



Presenting your project or experiment

PURPOSE

HYPOTHESIS

BACKGROUND RESEARCH

PROJECT TITLE

ABSTRACT

MATERIALS and PROCEDURES

DATA:
Tables,
Graphs,
Pics

RESULTS & DISCUSSION

CONCLUSION

ACKNOWLEDGEMENTS
(if necessary)

MMS Science & Engineering Fair

Judging Rubric – Science Experiments

Student Name: _____

Project Title: _____

Judging Element	Possible Score	Score
Research Question		
Clear and focused purpose	5	
Testable using Scientific Methods	5	
Design and Methodology		
Well-designed plan and data collection methods	5	
Variables and controls defined, appropriate, & complete	5	
Execution: Data Collection, Analysis, & Interpretation		
Systematic data collection and analysis	10	
Reproducibility of results	5	
Appropriate application of mathematical and statistical methods	5	
Sufficient data collected to support interpretation and conclusions	10	
Creativity		
Project demonstrates significant creativity in one or more of the above criteria	10	
Presentation		
Logical organization of material	10	
Neatness, clarity of text, use of images, graphics, tables & graphs	10	
Clarity of graphics and legends	10	
Supporting documentation displayed	10	
	100	

Judge's comments to student (optional):

MMS Science & Engineering Fair

Judging Rubric – Engineering Projects

Student Name: _____

Project Title: _____

Judging Element	Possible Score	Score
Research Problem		
Description of a practical need or problem to be solved	5	
Definition of criteria for proposed solution	5	
Explanation of constraints	5	
Design and Methodology		
Exploration of alternatives to answer need or problem	5	
Identification of a solution	5	
Development of prototype/model	5	
Execution: Construction and Testing		
Prototype demonstrates intended design	10	
Prototype has been tested in multiple conditions/trials	5	
Prototype demonstrates engineering skill/competence	5	
Creativity		
Project demonstrates significant creativity in one or more of the above criteria	10	
Presentation		
Logical organization of material	10	
Neatness, clarity of text, use of images, graphics, tables & graphs	10	
Clarity of graphics and legends	10	
Supporting documentation displayed	10	
	100	

Judge's comments to student (optional):



MACDONALD MIDDLE SCHOOL

*Winter
Wonderland
Activity Night*

JANUARY 24

6:30-8:00PM

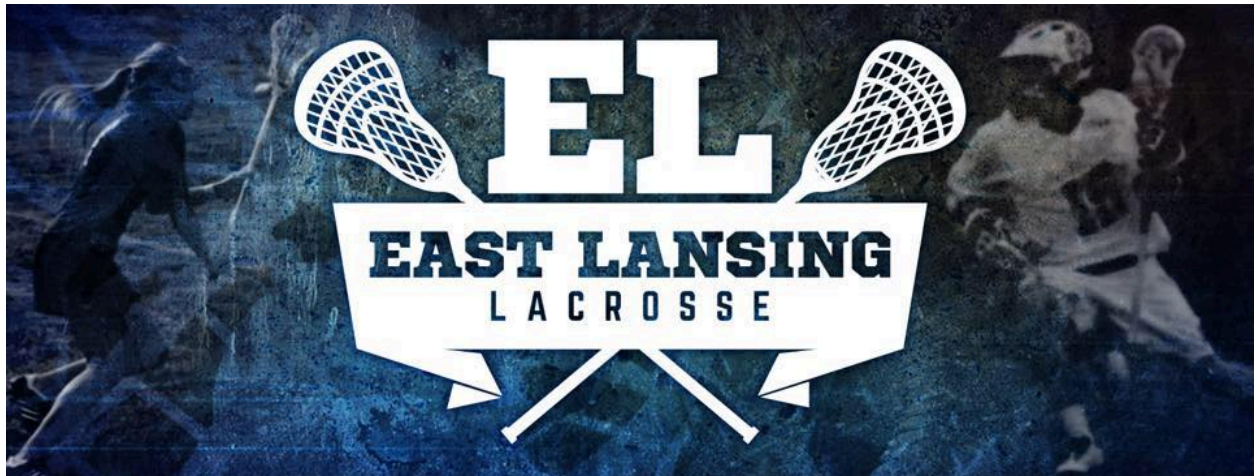
DJ, DANCING, BASKETBALL,
FUN & GAMES!

ADMISSION \$3

FOOD & DRINKS \$1

STUDENT ID REQUIRED FOR ADMISSION

HOSTED BY MMS PARENT COUNCIL



FREE LACROSSE CLINICS

STARTING JANUARY 12

The East Lansing Lacrosse Club is offering five **FREE** lacrosse clinics throughout the winter at MacDonald Middle School. These clinics are geared towards players of all levels, from the beginner just starting out to the veteran who wants to sharpen their skills. Come play the fastest game on two feet!

Clinic Dates and times (note the later time on 2/23):

January 12	January 26	February 9	February 23	March 8
3 rd & 4 th Grade 4pm-5pm	3 rd & 4 th Grade 4pm-5pm	3 rd & 4 th Grade 4pm-5pm	3 rd -4 th Grade 6pm-7pm	3 rd -4 th Grade 4pm-5pm
5 th -8 th Grade 5pm-6pm	5 th -8 th Grade 5pm-6pm	5 th -8 th Grade 5pm-6pm	5 th -8 th Grade 7pm-8pm	5 th -8 th Grade 5-6pm

If you have any questions, please contact:

Kimm Waldo

Phone: (517)582-7955 | Email: kimm@eastlansinglax.org

For full clinic details visit

EASTLANSINGLAX.ORG

Information Meeting - Sunday, March 22, 2020

Location: MSU Business College

632 Bogue Street, East Lansing, MI 48823

GUPPY *Grades 2-6*

GUPPY is designed for young gifted students to attend the MSU campus and explore educational experiences.

MST *Grades 7-8*

Students attend one-week of advanced Math, Science, and Technology curriculum through classes and workshops on campus.

MSTL *Grades 9-10*

In this two-week program, high school students will choose two STEM courses & one leadership workshop.

IS4GT *Grades 6-11*

Students will participate in a one-week advanced program in a specific concentrated curriculum.

Summer Programs

12 pm - 2 pm

GATE overview/ Testing
Academic Year Review
Summer Programs

12:00 pm - 12:30 pm
12:35 pm - 1:00 pm
1:00 pm - 2:00 pm

Come learn more about the weekend and full-week programs geared towards gifted students!
For grades 2-11.

RSVP ONLINE BY MARCH 13, 2020 @ www.gifted.msu.edu/gatesummerinfo2020



GATE
GIFTED AND TALENTED EDUCATION

Academic Year Programs

Beginning Fall 2020

Complete 4 years of high school curriculum in 2 to 3 years!
For grades 7-10.

Information Meeting

Sunday, February 9, 2020
11 am - 2 pm

Location: MSU Business College

632 Bogue Street, East Lansing, MI 48823

ALL	11:00 am - 11:30 am
M.A.N.G.A.	11:30 am - 12:00 pm
Testing/ Dual Enrollment	12:00 pm - 12:30 pm
CHAMP	12:35 pm - 1:05 pm
ISHALL	1:10 pm - 1:45 pm

CHAMP

Mathematics

Highly advanced math students can enroll in this accelerated math program! Study Algebra I, Algebra II, Geometry, and Pre-Calculus.

ISHALL

Humanities, Arts, Language, & Literature

Advanced readers will study a wide range of texts and media in literature and the humanities including novels, poetry, and film.

M.A.N.G.A.

Japanese Language

Students enrolled in this new program will be studying the Japanese language and culture over 6 semesters.

ALL

Latin Language

Students will study language and linguistics and discuss the role Latin has played in the development of the English language.



FREE PARKING IN RAMP 1

For a map of the campus, please visit

www.maps.msu.edu/interactive

Phone: 517-432-2129

Email: gifted@msu.edu

Website: gifted.msu.edu

**RSVP ONLINE BY
JANUARY 31st, 2020 @**

www.gifted.msu.edu/gateAYinfo2020