



MATHEMATICS PENTATHLON®
A PENTATHLON INSTITUTE PROGRAM

Parent Informational Meeting

2024/2025



If you have
questions,
please type
them in chat.



HOW DO YOU TEACH MATH TO A CHICKEN?

SHOW IT LOTS OF
EGG-SAMPLES!



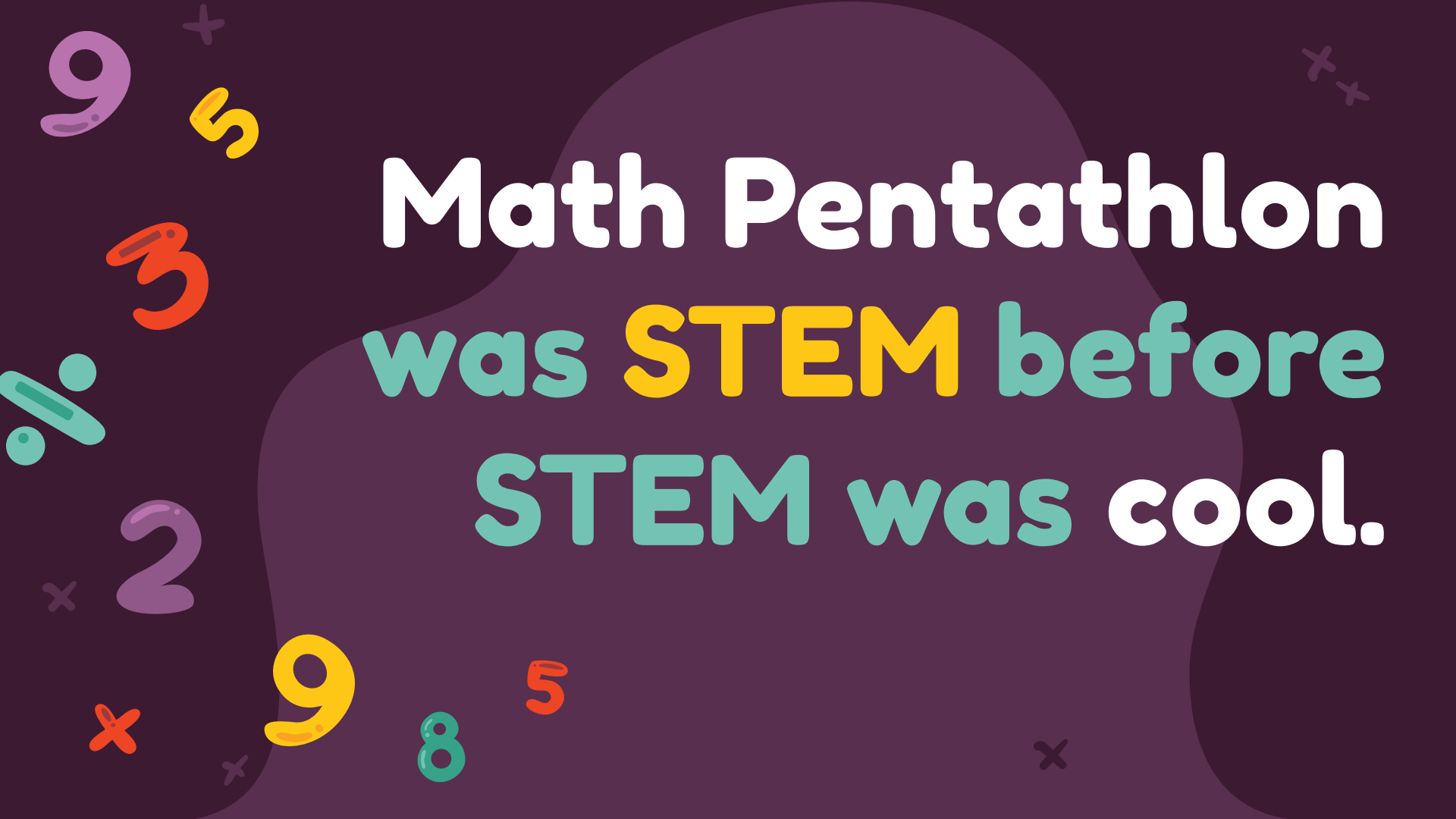


**What is
Math
Pentathlon?**



Making Math Fun



The background is a dark purple gradient. On the left side, there are several colorful, stylized math symbols and numbers: a purple '9', a yellow '5', an orange '3', a teal percentage sign, a purple '2', a yellow '9', a teal '8', and an orange '5'. There are also small, light-colored plus and multiplication signs scattered around. A large, light purple abstract shape is in the center, behind the text.

Math Pentathlon
was **STEM** before
STEM was cool.



In 1977, Dr. John del Regato created a legacy of 20 Mathematics Pentathlon Games.

- Originated in Saginaw, MI
- 142,000 Pentathletes have gone through MP
- National Tournaments in 4 regions of the United States
- Not only board games but a full classroom math curriculum for all skill levels and abilities
- Doesn't only teach math but encourages character development, integrity, self-esteem, and good sportsmanship

3



20 games spread through 4 divisions teaching and reinforcing

- basic math concepts and skills
- stimulate creative thinking
- develop problem-solving skills
- develop spatial, computational and logical reasoning
- good sportsmanship



Division 1: Kindergarten and 1st Grade

Calla
Star
Track

Kings &
Quads



Shape-
Up

Hex
-A-
Gone!





Division 2 : 2nd Grade and 3rd Grade



FIAR

Par 55

Kwatro-
Sinko



Sum
Dominoes
& Dice

Ramrod



Division 3 : + 2 9 8

4th Grade and 5th Grade

Fab-A-
Diffy

Contig
60

Queens
& Guards



Stars &
Bars

Juggle



Division 4 : 6th Grade and 7th Grade

Fraction
Pinball
Prime
Gold
Remainder
+ Islands



Pent
'Em In
Frac
Fact





02

Why Math Pentathlon?



Active Problem Solving^x



MATH ROCKS!

In Math Pentathlon

The children build upon skills from division to division.

The following slide shows an example of how your child will grow in the use of fractions.



My child isn't good at math.



If you're interested but
need more
information
fill out this form...

<https://tinyurl.com/WBSDMP2024Interest>





Kids earn medals
and we earn trophies for our schools.



03



Who:
Meet the
Coaches and
Teacher
Sponsors



**WHY DIDN'T THE CIRCLE WANT TO ATTEND
MATH CLASS?**

BECAUSE IT ALREADY HAD 360 DEGREES.

Division 1 - Kindergarten & 1st Grade

Scotch/Gretchko

Doherty/Sheiko



Juliann O'Brien
juliann.obrien@
wbsd.org

Coach



Priyan Weerappuli
Pweerappuli@
gmail.com

Coach

Division 2 - 2nd & 3rd Grades

Scotch/Gretchko



Lucy Barber
lucybarber78@
gmail.com

Coach



Hass Arghavani
hassan.arghavani@
cascoauto.com

**Assistant
Coach**

Doherty/Sheiko

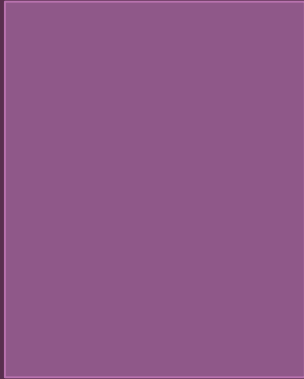


Greg Kastelan
gregory.kastelan@
gmail.com

Coach

Division 3 - 4th & 5th Grades

Scotch/Gretchko



TBD

Coach

Doherty/Sheiko



Melanie Pohl
GroovFlowr@
yahoo.com

Coach

Division 4 - 6th & 7th

WBMSs



Michelle Sokoli
michelle.sokoli@
gmail.com

Coach



Melanie Pohl
GroovFlowr@
yahoo.com

Coach

Coordinator of Enrichment and Recreation



Ms.
Andrea
Frank

Teacher Sponsors

Scotch/Gretchko



Juliann O'Brien
juliann.obrien@wbsd.org
Coach

Tina Polhamus
christina.polhamus@wbsd.org
Teacher Sponsor

Doherty/Sheiko



Allison Pargoff
Teacher
Sponsor

WBMS



Michael Weingarden
michael.weingarden@wbsd.org
Teacher
Sponsor



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Need More Parent Coaches

- Infrastructure already exists
- Supplies are provided
- Training & Support

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<https://tinyurl.com/WBSDMP2024Interest>



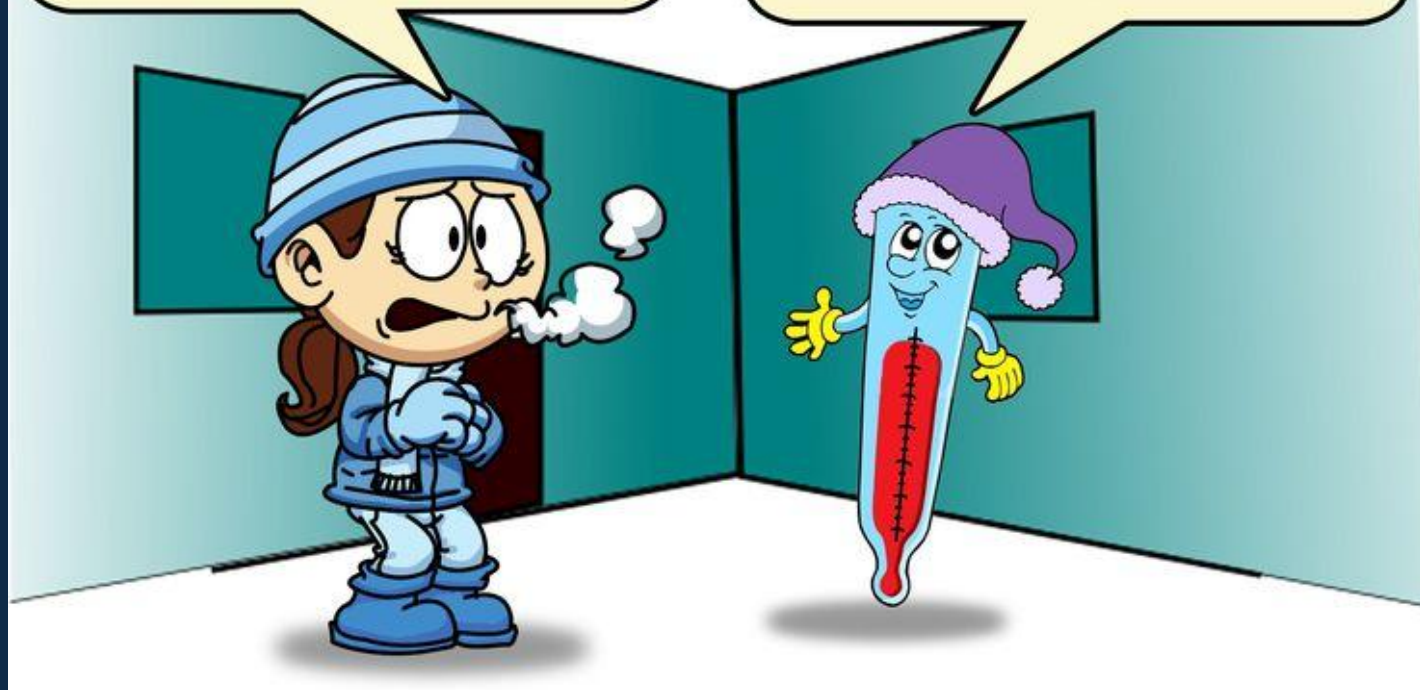


When:

- **Practices**
- **Fees**
- **Transportation**

How do you keep warm in a cold room?

You go to the corner, because it's always 90 degrees.





We are not a Day Care

Parents plan on giving some of your time.

- Attend 1-2 practices a month
- Play the games with your children at home
- Attend the national tournament as a monitor

Children who don't want to be at practice or are disruptive
will be asked not to participate.

3



Practice Start Dates and Times

Scotch/Gretchko

**ALL Practices will be at Scotch on
MONDAYS at 4:12-5:45 pm**

Division 1

Kindergarten & 1st Grade

Starting
December 2nd

Division 2

2nd & 3rd Grades

Starting
October 7th

Division 3

4th & 5th Grades

Starting
November 11th

Practice Start Dates and Times

Doherty/Sheiko

**ALL Practices will be at Doherty on
Wednesdays at 4:12-5:20 pm**

Division 1

Kindergarten & 1st Grade

Starting
December 4th

Division 2

2nd & 3rd Grades

Starting
October 9th

Division 3

4th & 5th Grades

Starting
November 13th

Practice Start Dates and Times

West Bloomfield Middle School

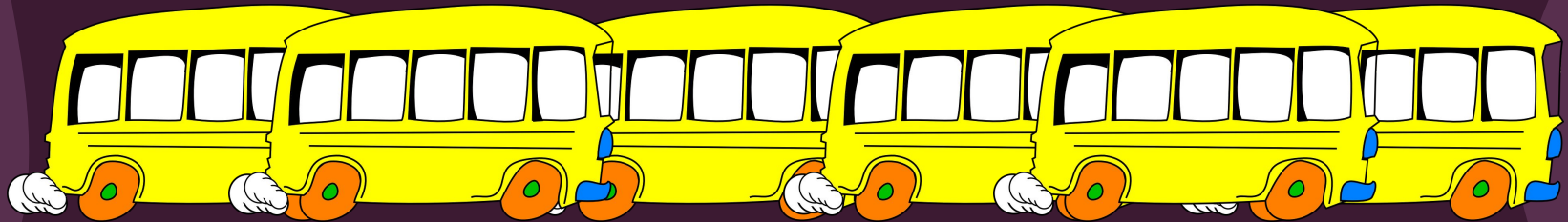
Practices will be at WBMS on
Mondays at 3:15-4:15 pm

Division 4
6th & 7th Grades

Starting
November 11th

Buses

Divisions 1, 2 & 3 will travel
together by bus from
Gretchko to Scotch &
Sheiko to Doherty





Saturday Practices

Dates are subject to change

December 14

January 11

January 25



February 8

February 22

March 8

March 15

April 26

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- **Once or twice a month, you and your child can come play the games.**
 - **All 4 divisions are invited.**
 - **Good time to make up for missed practices.**
 - **No formal instruction.**
 - **Perfect time for parents to learn the games.**
- 

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Who can sign up?

All West Bloomfield
Students
Kindergarten through
7th Grade

Fees Math Club - \$125

All fees must be paid before the start of Practice

- National Tournament Fee
(WB will register all students)
- Coaching and instruction on all games
- Includes t-shirt with name on back
- End of Season Celebration

(Parent t-shirts are sold separately.)

How to get the games

Games

**Optional but highly
recommended**

- \$85.50 per division
- Includes 5 games, pieces, and rules
- Order directly from the Math Pentathlon Institute
- You can buy them at the in-person trainings and save on shipping

10% Off SALE

Games are on sale right now
✕ until Oct 7!

[https://www.mathpentath.org/
product-category/games/](https://www.mathpentath.org/product-category/games/)






Registration Link for Math Pentathlon Club



[https://wbsdec.ce.eleyo.com/
course/169/fall-2024/math-pentathlon](https://wbsdec.ce.eleyo.com/course/169/fall-2024/math-pentathlon)

Division 1 at Doherty: K-1st Graders

 Lucy Barber

 Doherty Elementary School
 Wednesdays, Dec 4 - Apr 9
 4:12 - 5:20 PM

 No Class Dec 25, Jan 1 & Mar 26

Su M Tu **W** Th F Sa




Grades K - 1st


3 Options Available

[Enroll Now](#)

Division 1 at Scotch: K-1st Graders

 Lucy Barber

 Scotch Elementary School
 Mondays, Dec 2 - Apr 7
 4:12 - 5:45 PM

 No Class Dec 23, Dec 30, Jan 20, Feb 17 & Mar 24

Su **M** Tu W Th F Sa




Grades K - 1st

3 Options Available

[Enroll Now](#)

Division 2 at Doherty: 2nd-3rd Graders

 Lucy Barber

 Doherty Elementary School
 Wednesdays, Oct 9 - Apr 2
 4:12 - 5:20 PM

 No Class Nov 27, Dec 25, Jan 1 & Mar 26

Su M Tu **W** Th F Sa




Grades 2nd - 3rd

3 Options Available

[Enroll Now](#)

Division 2 at Scotch: 2nd-3rd Graders

 Lucy Barber

 Scotch Elementary School
 Mondays, Oct 7 - Mar 31
 4:12 - 5:45 PM

 No Class Dec 23, Dec 30, Jan 20, Feb 17 & Mar 24

Su **M** Tu W Th F Sa




Grades 2nd - 3rd

3 Options Available

[Enroll Now](#)

Division 3 at Doherty: 4th & 5th Graders

 Lucy Barber

 Doherty Elementary School
 Wednesdays, Nov 13 - Apr 30
 4:12 - 5:20 PM

 No Class Nov 27, Dec 25, Jan 1 & Mar 26

Su M Tu **W** Th F Sa




Grades 4th - 5th


3 Options Available

[Enroll Now](#)

Division 3 at Scotch: 4th & 5th Graders

 Lucy Barber

 Scotch Elementary School
 Mondays, Nov 11 - Apr 28
 4:12 - 5:45 PM

 No Class Dec 23, Dec 30, Jan 20, Feb 17 & Mar 24

Su **M** Tu W Th F Sa




Grades 4th - 5th


3 Options Available

[Enroll Now](#)

Division 4 at WBMS: 6th & 7th Graders

 Lucy Barber

 West Bloomfield Middle School
 Mondays, Nov 11 - Apr 28
 3:15 - 4:15 PM

 No Class Dec 23, Dec 30, Jan 20, Feb 17 & Mar 24

Su **M** Tu W Th F Sa

Grades 6th - 7th

3 Options Available

[Enroll Now](#)

If you're interested but
need more
information
fill out this form...

<https://tinyurl.com/WBSDMP2024Interest>





How:

- Expectations
- Tournaments
- Volunteers
- Further Training

Student Expectations



Learn each of the five games in your division by practicing math concepts, learning strategies, and sharpening skills.



Respect the coaches, parents, and fellow students by working as a team and exhibiting good behavior.



Attend the National Math Pentathlon Tournament as a Pentathlete.



Parent Expectations and Volunteering

- Attend practices and learn each of the five games in your child's division.
- Assist in the growth of this team by helping the coaches during practice and your child at home.
- Attend the National Math Pentathlon Tournament as a Game Monitor.





We are not a Day Care

Parents plan on giving some of your time.

- Attend 1-2 practices a month
- Play the games with your children at home
- Attend the national tournament as a monitor

Children who don't want to be at practice or are disruptive
will be asked not to participate.

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National Tournaments

Div 1 K-1st

April 12, 2025

Walled Lake Northern High School
6000 Bogie Lake Road
Commerce Township, MI 48382
7:45 am – approx 3 pm

Div 3 4th-5th

May TBD, 2025

Stoney Creek High School
575 E Tienken Road
Rochester Hills, MI 48306
7:45 am – approx 5 pm

Div 2 2nd-3rd

April 5, 2025

Bloomfield Hills High School
4200 Andover Rd
Bloomfield Hills, MI 48302
7:45 am – approx 4 pm

Div 4 6th-7th

May TBD, 2025

Stoney Creek High School
575 E Tienken Road
Rochester Hills, MI 48306
7:45 am – approx 5 pm



Game Training Opportunities

Registration required, \$20 fee,

<https://www.mathpentath.org/need-help-learning-the-games-in-person/>

Tues Oct 15: K-7
Way Elementary
Bloomfield Hills

Wed Oct 16: K-7
Meadow Brook Elementary
Rochester Hills

Thur Oct 17: K-7
Mary Helen Guest Elementary
Walled Lake

6:30-9:00 pm



Email Coach Lucy at
lucybarber78@gmail.com
for a discount code.



Monitor Training Opportunities

Registration
required at

<https://www.mathpentath.org/gamemonitortrainingdates/>

(not ready yet)

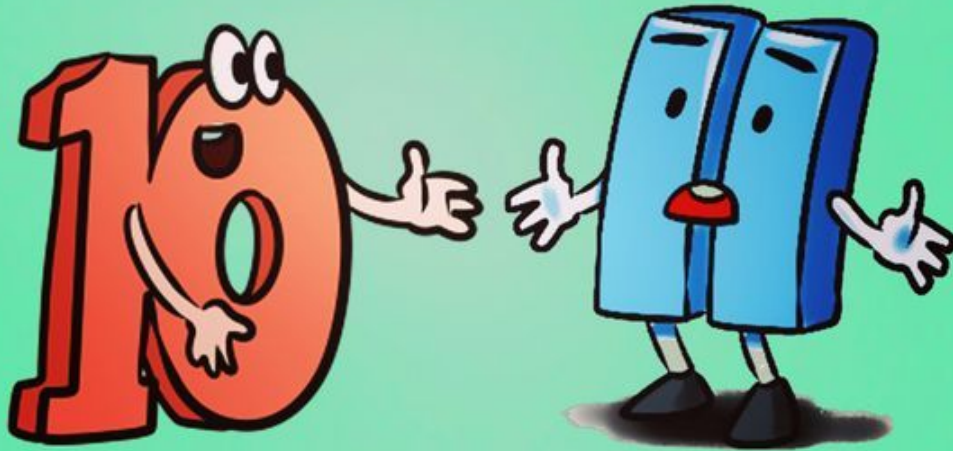
Look for **free** monitor training in Feb 2025.

If you're interested but
need more
information
fill out this form...

<https://tinyurl.com/WBSDMP2024Interest>



COME ON, MAN,
I ASKED HOW GOOD YOU WERE
AT MATH ON A SCALE OF 1 - 10...



I'M NOT BRAGGING,
I'M AN ELEVEN, BRO!

MATH JOKES, SONGS, AND GAMES @ NUMBEROCK.COM

5 + 1





Safety First!

Volunteer and Consultant
Release Form

[https://www.wbsd.org/parents/
visitorvolunteer-procedures](https://www.wbsd.org/parents/visitorvolunteer-procedures)



Google Form

<https://tinyurl.com/WBSDMPVolunteer>



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Registration Link for Math Pentathlon Club



[https://wbsdec.ce.eleyo.com/
course/169/fall-2024/math-pentathlon](https://wbsdec.ce.eleyo.com/course/169/fall-2024/math-pentathlon)



Questions

Thank You!!

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