EMS Math Club

09/06/2022

Teacher, Chair & Coaches

Math Teacher: Bettina Berton

bberton@lwsd.org

Chair: Grace Zhang

grace@evergreenptsa.org

Coaches:

- Annika Renganathan: AMC8 Session Coach
- Hongning Wang: AMC10 Session Coach
- Alon Ragoler: Math Counts Session Coach

How Math Club Works

- The focus of the Evergreen PTSA Math Club is to help students prepare for and participate in math competitions.
- Students may compete as individuals or/and as members of a team.
- The Math Club chair is the only focal point allowed to register EMS PTSA math club students for Math is Cool/Blaine/MATHCOUNTS. The school teacher will register students for the AMC series competitions.
- If the math club recommends some math competitions but do not officially organize the students to attend them, students and their families can register for the competition by themselves.
- Parents are responsible for transportation to and from the in-person competitions and for meals during the in-person competitions.

Competitions for 2022-2023

- AMC 8: Tuesday, January 17, 2023, through Monday, January 23, 2023 (individual only)
- AMC 10A: Thursday, November 10, 2022 (individual only)
- AMC 10B: Wednesday, November 16, 2022 (individual only)
- MATHCOUNTS: early December 2022 (School-round). Usually, the top 4 scoring students from the school round will participate in the chapter-level competition. Specific rules may be subject to change each year by the MATHCOUNTS.
- Math is Cool: TBD
- Other Math Competitions: Blaine Math Competitions, Knight of Pi Math Tournament

Competition Fee:

We may cover the AMC Competitions, Math Counts School Level Competitions, and Math is Cool for Math Club members. Families are responsible for Math Counts Chapter/State/National Levels if applicable, as well as other competitions students choose to participate in.

Non club members will be charged $5.00 if the students wish to participate in the AMC competitions **only**.

Math Club Services

- Coaching Sessions

  Three one-hour long virtual sessions for students to choose from (no recording):

  AMC 8: 6:00 - 7:00 PM, Fridays

  AMC 10: 6:00 - 7:00 PM, Tuesdays (recommended for AMC8 15+)

  Math Counts: 6:30 - 7:30 PM, Thursdays

  Math Club members are welcome to attend any or all of the sessions.

- Resources Sharing

  Math Club will share one set of Math Counts practice problems each week. Past AMC8/10 competition problems are available on the AOPS website (https://artofproblemsolving.com/wiki/index.php/AMC_Problems_and_Solutions).

  Math Club will share information about various math competitions throughout the school year and may help club members to form teams if needed.

Coaching Session Schedule

Lake Washington School District | 2022-23 Calendar

August 2022

S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29*	30*	31*			

September 2022

S	M	T	W	Th	F	S
				1*	2*	3
4	5	6*	7*	8*	9*	10
11	12*	13	**14***	15	16*	17
18	19	20	**21**	22	23	24
25	26	27	**28**	29	30	

October 2022

S	M	T	W	Th	F	S
						1
2	3	4	**5**	6	7	8
9	10	11	**12**	13	14	15
16	17*	18*	**19**	20*	21	22
23	24	25	**26**	27	28	29
30	31					

November 2022

S	M	T	W	Th	F	S
		1	**2**	3	4	5
6	7	8*	**9**	10	11	12
13	14	15*	**16**	17	18	19
20	21	22	23*	24	25	26
27	28	29	**30**			

December 2022

S	M	T	W	Th	F	S
				1	2	3
4	5	6	**7**	8	9	10
11	12	13	**14**	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January 2023

S	M	T	W	Th	F	S
1	2	3	**4**	5	6	7
8	9	10	**11**	12	13	14
15	16	17	**18***	19	20	21
22	23	24*	**25**	26*	27*	28
29	30	31				

February 2023

S	M	T	W	Th	F	S
			1	2	3*	4
5	6	7	**8**	9	10	11
12	13	14	**15**	16	17	18
19	20	21	**22**	23	24	25
26	27	28				

March 2023

S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	**8**	9	10	11
12	13	14	**15**	16	17	18
19	20	21	**22**	23	24	25
26	27	28	**29**	30	31	

April 2023

S	M	T	W	Th	F	S
						1
2	3	4	**5**	6	7*	8
9	10	11	12	13	14	15
16	17	18	**19**	20	21*	22
23	24	25	**26**	27	28	29
30						

May 2023

S	M	T	W	Th	F	S
	1	2	**3**	4	5	6
7	8	9	**10**	11	12	13
14	15	16	**17**	18	19	20
21	22	23*	**24**	25*	26	27
28	29	30	**31**			

June 2023

S	M	T	W	Th	F	S
				1	2	3
4	5	6	**7**	8	9*	10
11	12	13	**14***	15	16	17
18	19	20*	**21**	22	23*	24
25	26	27	28	29	30	

July 2023

S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

20 weeks of sessions scheduled

Important Dates:

- September 6th: Registration Opens
- September 15th: Preferred Registration Closes

(Students who register after 9/15/2022 will be enrolled in AMC10 on first come first serve basis if seats are available.)

- September 23rd: Registration Closes
- September 27th: First Session Starts

Notes:

- Sessions may be canceled due to coaches' conflicts in schedule. No makeup sessions will be offered.
- Sessions may be combined due to consistently low attendance.

Coaching Session Details

- AMC8 Sessions:
  - Each session will review one set of past paper, starting from AMC8 2022.
  - Coach will focus on Problems 16 to 25. However, students are encouraged to ask questions if they need help on Problems 1 to 15.
- AMC10 Sessions:
  - Each session will review one set of past paper, staring from AMC10 A 2021.
  - Coach will focus on Problems 10 to 20. However, students are encouraged to ask questions if any.
- Math Counts Sessions:
  - Coach will cover one topic along with related practice questions from Math Counts official handbooks of previous years.
  - Math Club will share the related content with all club members every Friday prior to Thursday session.

Fee Schedule

Club Member Fee: $10.00 (Non-refundable)

- Club fee covers math club operations, as well as AMC competitions such as AMC8\AMC10A&B\AIME, Math Counts School Level, and Math is Cool for Math Club members if funds are sufficient.
- Math Club may charge additional fees to cover the cost if needed.
- Families are responsible for Math Counts Chapter/State/National Levels if applicable, and other competitions students choose to participate in.

Non-club Member AMC Competitions Fee: $5.00 (Non-refundable)

- AMC competitions (AMC8 and AMC10A&B) are open to all EMS students, including current EMS students (no siblings who are not currently at EMS), choice school students whose school does not provide similar enrichment programs and have EMS as their home school, and homeschooled students whose home school is EMS.

***** Financial support is available via School. Please talk to your counselor for more details.*** For more details, please check the EMS PTSA enrichment policy [Enrichment Policies and Procedures 2022-2023.pdf (evergreenptsa.org)]

Volunteering with Math Club

- All club families are encouraged to contribute a minimum of two volunteering hours.
- Coaching/volunteer hours: please corporate match to **Evergreen Middle School PTSA (Redmond, WA)** mark **"Math Club"** in the note/purpose.

Contact

Interested in Volunteering? Questions?

Email: grace@evergreenptsa.org