

Silver Beach Elementary Math Club Overview 2017-2018

General Information:

Silver Beach Elementary Math Club is a parent-run extra-curricular accelerated math enrichment opportunity for 4th and 5th grade students who enjoy math and work successfully both independently and in small groups. The club generally meets once a week after school (Thursday 1:00-2:30pm) from September through early March.

The intent of Math Club is both to provide extra math enrichment for students as well as to prepare those students who choose to participate in the Whatcom County Math Championship (end of Feb.). Though participation in Math Club doesn't require participation in the Championship, it is encouraged and the cost of entering the Championship is covered by SBEA. Silver Beach commonly sends about 4-8 teams to the Championship each year, with the majority of our teams placing in the top half.

At these competitions, students compete individually and in teams of 3-4 students. The Whatcom County Math Championship (WCMC) <http://www.blainesd.org/mathchamps/WCMC/Home.html> is held locally at Blaine Schools each spring. Math concepts taught will be challenging, but our Silver Beach students' success is evident in their team and individual results the last few years at the local competitions:

- 2017 Results
 - 5th Grade Teams: 2nd, 9th place (out of 38 teams)
 - 5th Individual: 5th, 8th place
 - 4th Grade Teams: 7th, 18th place (out of 36 teams)
- 2016 Results
 - 5th Grade Teams: 5th, 7th, 19th place (out of 33 teams)
 - 5th Grade Individual: 5th, 9th, 10th place
 - 4th Grade Teams: 6th, 10th (out of 37 teams)
 - 4th Grade Individual: 1st, 10th place
- 2015 Results
 - 5th Grade Teams: 9th, 18th, 26th place (out of 44 teams)
 - 5th Grade Individual: 7th place
 - 4th Grade Teams: 6th, 9th place (out of 32 teams)
 - 4th Grade Individual: 2nd, 8th, 9th, 10th place
- 2014 Results
 - 5th Grade Teams: 6th, 12th, 18th, 19th, place (out of 47 teams)
 - 5th Grade Individual: 7th, 9th place
 - 4th Grade Teams: 9th, 13th, 15th place (out of 29 teams)
 - 4th Grade Individual: 8th place
- 2013 Results
 - 5th Grade Teams: 1st, 5th, 29th, 35th place (out of 52 teams)
 - 5th Individual: 1st, 2nd place
 - 4th Grade Teams: 5th, 14th, 17th place (out of 41 teams)
 - 4th Individual: 5th, 7th, place

Math Club Sessions, Homework and Support

SESSION LOGISTICS:

- Math Club meets weekly on **Thursdays** from **1:00-2:30pm**, beginning Thursday, September 7, 2017, through February/March 2018.
- **Parents or designated adults take turns teaching and/or assisting with teaching.** Each session requires a **MINIMUM of 1 Teacher and 1 Assistant.** Lessons are pre-scripted, and all copies and materials for students are provided.
- **4th Graders** meet in the **Annex C/Cafeteria.**
- **5th Graders** meet in the **Lower Commons.**

PICK-UP:

- **Plan to pick up your student in their Math Club meeting location prior to 2:30pm.**
- **Math Club follows the Silver Beach Elementary Late Pick-up Policy:** If a student is picked up late (5 minutes or more after class end time), more than once, the student may be asked to no longer participate in class.

Any additional schedule or room changes/updates will be communicated via email.

CURRICULUM INFORMATION:

- Sessions are progressive, where concepts taught build upon previous lessons.
- Both 4th and 5th graders utilize the scripted **Highline Advanced Math Program** <http://home.avvanta.com/~math/>
- **4th graders follow Year 1 curriculum and 5th graders follow Year 2.**
- **Students receive a weekly handout packet for each lesson:** lesson plan, in-class exercises, homework exercises and an answer key.
- **The teacher and assistant guide the group through the weekly lesson.**
 - Students start the in-class exercises during the Math Club session (some may complete it during this time) and are responsible for completing the in-class exercises at home along with the homework exercises prior to the next Math Club session. They should check their answers with the answer key and rework all missed problems.
 - During the Math Club session a few questions from the previous week's lesson will be covered, however not all problems will be reviewed. It is the responsibility of the student to complete the assigned work to the best of their ability. Packets will not be collected, but will be kept by students in individual Math Club binders for future reference.
- Weekly sessions and/or homework may also include or be enhanced by:
 - **Math Facts** – All students should continually practice and be competent in the areas of addition, subtraction, multiplication, and division through 20.
 - **Mental Math**- Students will practice mental math during Math Club and are encouraged to practice outside of math club. Students choosing to compete in the WCMC will be provided with additional Mental Math practice questions and answers.
 - **Quizzes**- These will be used during club sessions as review of topics covered.
 - **Math Pak**- This provided packet contains drills for fractions and decimals and will be provided to students for independent practice outside of Math Club.
 - **WCMC Tests**- Students who choose to compete in the WCMC will receive previous years' tests for competition practice
 - **Online Resources**- IXL and Khan Academy are excellent online resources for students to practice and enhance their learning.

SUPPLIES/MATERIALS:

****Students are responsible for coming prepared by bringing the following items each week:**

- **Provided to each student:**
 - Binder
 - Weekly work packets
- **Supplied by student:**
 - Pencils, erasers
 - Notebook paper/scratch paper
 - Water bottle and healthy snack for midsession break
 - **Scientific Calculator** (please label with student name)
*Per WCMC rules: QWERTY keyboards and TI92 calculators are NOT allowed.
No PDA's will be allowed. No IPODS.*

COMPETITION:

- **Participation in the Whatcom County Math Championship is strongly encouraged but NOT required for participation in Math Club.**
- All Math Club students may be given an assessment in late November/early December to assess math concepts taught and help determine student placement on teams for those who desire to compete in the WCMC.
- Many factors will be taken into consideration when placing students on a team including ability, work ethic, and interest in preparing and spending additional time outside of Math Club: some teams may choose to spend 1-2+ hours/week outside of math club to prepare for the competition while others will not.
- Each team and their parent volunteer coach will determine their meeting schedule outside of Math Club if they choose.

Volunteers

Silver Beach Elementary Math Club is entirely volunteer-driven!

When you register, you will designate a MINIMUM of 4 sessions between September 7, 2017 and March 1, 2018 for which you OR an adult arranged by you will teach/assist.

- **Volunteers are needed to teach and assist at each session.** You do not need to be a math whiz! **A minimum of 1 teacher AND 1 assistant is needed for each club session for each grade (4th and 5th).**
 - The assigned **“teacher”** teaches the pre-planned lesson (most are about 15-20 min.)
 - **“Assistants”** help students as they work on problems during the Math Club session.

****All school volunteers must complete a background check prior at least 2 weeks prior to assigned sessions.** The background check can be completed online at <https://bellingshamschoolsvolunteers.hrmpplus.net/>.

The following are additional ways to support your child's Math Club:

- **Help with Math Club operations.** Jobs include registration, coordinating volunteers, managing curriculum, and more!
- **Coach a Championship team:** closer to the WCMC (around December) parent volunteers will be needed to coach each competition team.

2016-2017 Registration

This year the SBEA is again covering a large portion of Math Club materials and printing costs.

- A completed **registration form** along with a **single payment of \$20** is **due on or before September 21** for September 2017 – March 2018. Your **volunteer sign-ups** must also be completed at time of registration.
- Payment covers additional printing and supplies that may be needed as well as Silver Beach Math Club student shirts that will be distributed in February. (If you will be reusing a previous year's Math Club shirt, please see a Math Club chair for more information.) Any remaining funds will go toward supporting club celebrations and student incentives.
- There will be no refunds or partial reimbursements for students that miss sessions or decide they no longer wish to be a part of Math Club.
- **Whatcom County Math Championship Fees:**
 - SBEA covers the team registration fees.
 - Families provide a lunch for their child or have the option to purchase an event lunch prior to the competition.
 - Families can choose to purchase a WCMC T-shirt prior to or at the WCMC event.

Additional Information

BEHAVIOR EXPECTATIONS: *“Respectful, responsible, safe and caring.”*

- Students are expected to demonstrate the same high standards of behavior during Math Club sessions that are expected of all students at Silver Beach Elementary.
- Inappropriate behavior and disrupting the work of others will not be tolerated. Students who disregard the behavior expectations will be asked to complete the week's math session in the main office. The student's parent(s) will be contacted by the Math Club chair to discuss further continuation in Math Club.

ATTENDANCE:

- **Attendance will be taken during the first 15 minutes of each session.** Students should strive to attend all sessions, as concepts taught are progressive and build on previous concepts learned.
- Please report absences in advance to the Main Office or to the Math Club Coordinator, who will inform the teacher for that session.
- Students absent will receive handouts upon return and should complete missed work as soon as they can.

SESSION CANCELLATIONS:

- In the event that a specific Math Club session does not have adequate parent support (**minimum 1 teacher AND 1 assistant**) as indicated on the Sign-up Genius “Weekly Teachers/Assistants” page, the session may be cancelled.
- This decision will be made no later than the night prior to the affected session so that parents may plan accordingly for the after-school plans for their child. Missed lessons will be made available to students upon request, so that families can review the material together.
- **MINIMUM Enrollment per grade level:** 10 students.
If minimum enrollment has not been met, sessions may be cancelled or discontinued.

2017-2018 Important Math Club Dates:

- **September 7**- Math Club Starts
- ***Note: 4th grade Math Club may delay starting date to **September 14, 2017**
- **September 7** (or 2 weeks prior to first volunteer shift)- Completed **BSD Volunteer Info** online.
- **September 21**- **Math Club Registration Form and \$20 Supply Fee** must be submitted to Math Club Lead. **Volunteer Sign-ups** must be completed online.
- **November 30/December 7**- Tentative assessment date(s) for all Math Club students
- **February 24** Whatcom County Math Championship at WCC
- **March 1** Tentative last day of Math Club: Celebration!

For questions please contact the Math Club Grade-Level Chairs - Kelley Hofer (5th): hoferskml@msn.com; Jen Knudsen (4th): jenniferkknudsen@gmail.com; Ginny Hansen (4th): ginnyhansen@gmail.com

Thank you and we look forward to seeing you in Math Club!