The Seattle University Math Corps

What is the SUM Corps?
A group of 12 enthusiastic and reliable SU math students who are trained in the math curriculum used in the public schools, knowledgeable about working with elementary and middle school kids, armed with fun, age-appropriate math games and activities, and deployed to lead math outreach activities at Bailey-Gatzert Elementary School

Goals of the SUM Corps
- Raise the math achievement and interest level of the kids at Bailey-Gatzert
- Provide the SUM Corps students a significant way to make a difference in our community and contribute to the mission of the university

Current Activities of the SUM Corps
- About 30 hours of classroom math support every week
  - SUM Corps students serve as tutors, small-group instructors, math station leaders, and role models
  - Enables teachers to change the way they teach so the kids can work in small groups and receive more individual attention
- Run 5 after-school math programs (grades 1-5)
  - Serves about 80 kids who are performing about a year below grade level
  - Mini-lesson followed by math games (including physical math games) and activities
  - 2 hours per week of after-school math programming for all kids involved
- Done in partnership with Bailey-Gatzert teachers and the SU Youth Initiative
- Additional goal this year: The kids in the after-school programs will perform at grade level in math next year

Impact of the SUM Corps
- Test scores are improving
  - The 2011-12 district MAP data indicates that on average students in the after-school program exceeded a year of growth in math (10 points is considered a year of growth)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Average growth for kids in program</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd</td>
<td>13.6 points</td>
</tr>
<tr>
<td>3rd</td>
<td>17.4 points</td>
</tr>
<tr>
<td>4th</td>
<td>15.5 points</td>
</tr>
<tr>
<td>5th</td>
<td>10.5 points</td>
</tr>
</tbody>
</table>

- The percent of 4th and 5th graders at Bailey-Gatzert who met or exceeded typical growth on the state math test increased from 34% in 2010-11 to 58% in 2011-12
- The percent of students meeting standard on the state MSP math test increased

Kids are enjoying math
- SU students are making a difference in the community and developing leadership skills