

Gathering All Minds Together Successfully

Math and Reading Literacy Night

South Seneca Elementary

Wednesday, November 19th, 2008

Goal

- Our goal tonight is to share some information about our Mathematics program at South Seneca Elementary School.



South Seneca Elementary

- Pre-K → 5th grade
- 379 total students
- Pre-K...2 sections...38 students
- K...3 sections... 46 students
- 1...3 sections...55 students
- 2...3 sections...61 students
- 3...3 sections...48 students
- 4...3 sections...62 students
- 5...3 sections...69 students

Math Program

- Our school has adopted the Pearson Scott Foresman Series.
- <http://www.pearsonschool.com/index.cfm?locator=PSZ141>
- Many classroom teachers combine our text with manipulatives as well as materials they have created themselves.
- We are also currently exploring how we can become more educated with TERC...Investigations
 - <http://investigations.scottforesman.com/>
We imagine a future in which learners from diverse communities engage in creative, rigorous, and reflective inquiry as an integral part of their lives. We see teachers and students alike as members of vibrant communities where questioning, problem solving, and experimentation are commonplace. Such communities focus on actual problems for which there are no simple solutions.

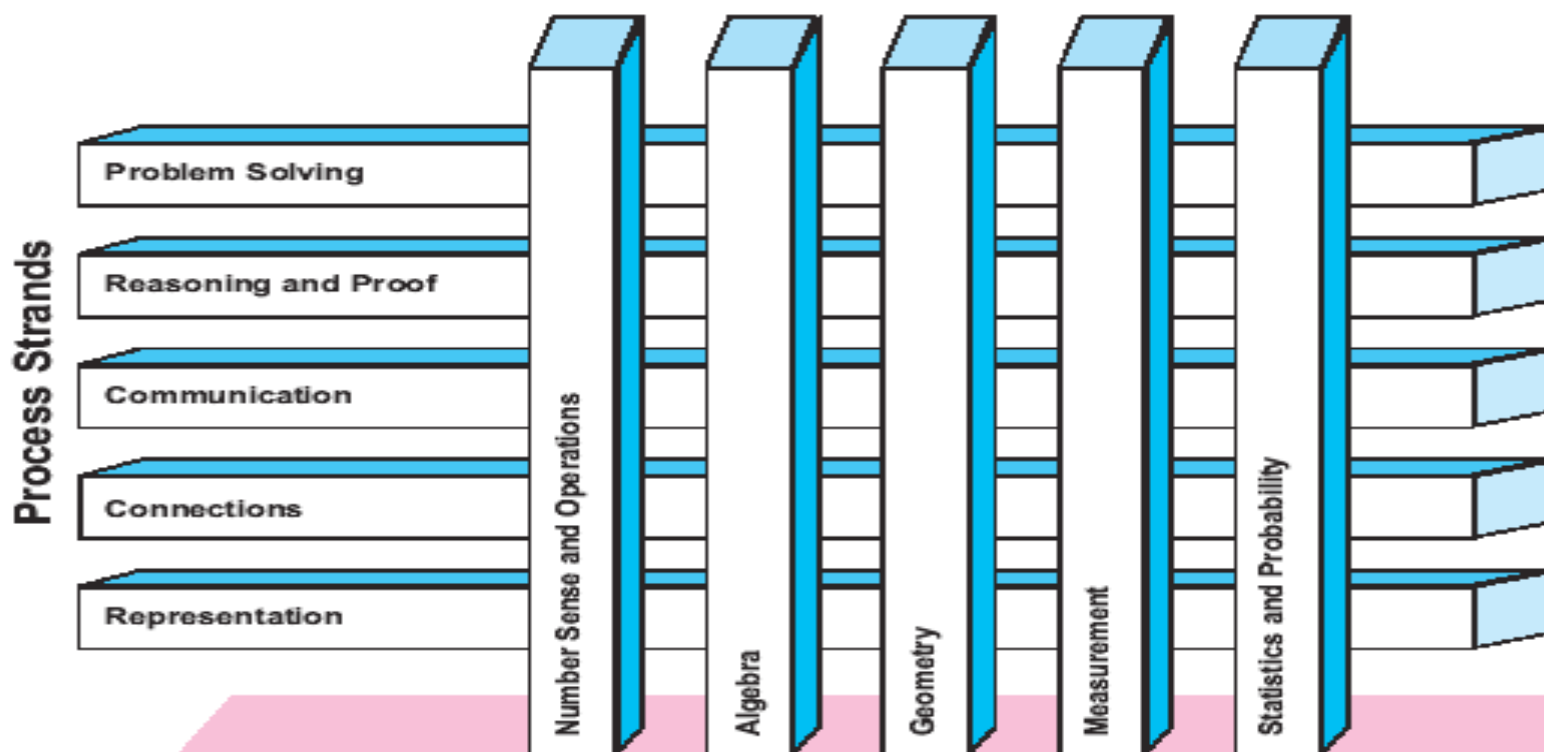
New York State Education Dept.

<http://www.emsc.nysed.gov/ciai/mst/math.html>

- Standard
- Strand
- Band
- Performance Indicators
- <http://www.emsc.nysed.gov/3-8/guidancepk8.htm>

New York State Mathematics Standard 3

Content Strands



Mathematical Proficiency

Conceptual
Understanding

Procedural
Fluency

Problem
Solving

Adapted from *Mathematics Framework for the 1996, 2000, and 2003 National Assessment of Educational Progress*.

Learning Opportunities

- Regular Education
- Special Education
- AIS...Academic Intervention Services

Regular Education

- Regular Education is the instruction that takes place in our students' classrooms with their homeroom teacher.

Special Education

- Special Education can take several forms.
- One type is when a special education teacher pushed into the regular education classroom.
- Another example would be when special education students with Individual Education Plan (IEP) receives their primary instruction with a special education teacher.
- A third example is when special education students receive supplemental instruction with a special education teacher.
- A fourth way is when a special education student receives supplemental instruction with a AIS teacher.

Academic Intervention Services...AIS

- **Academic intervention services** means additional instruction which supplements the instruction provided in the general curriculum and assists students in meeting the State learning standards
- <http://www.emsc.nysed.gov/part100/pages/topics.html#Academic%20Intervention%20Services>

Instruction and Grouping

- Teachers use a combination of large group, small group and individual instruction.
- Large group instruction is done in heterogeneous (mixed ability) groups.
- There is opportunity for students to be challenged at all grade levels.
- Students who are able to initiate individual help and guidance are likely to improve.

Materials

- Textbooks
- Consumable Workbooks
- Literature
- Manipulatives
- Technology
- Writing

Literature and Vocabulary

- <http://www.emsc.nysed.gov/3-8/glossary.htm>
- <http://www.geocities.com/heartland/estates/4967/math.html>

Technology

- Our building is fortunate to have three computer labs as well as a teaching assistant dedicated to these facilities.
- We also have a teacher whose additional role is computer coordinator of our building.
- All classrooms are connected to each other as well as the internet.
- <http://www.mathsurf.com/>

Assessments

- <http://www.emsc.nysed.gov/3-8/math-sample/home.htm>
- Pre-K→2...Pearson Scott Foresman (PSF)
- 3→5...New York State Test and PSF
- Teacher created diagnostic tools
- Some grade levels are also utilizing some materials used to prepare for assessments.
- KeyMath test for some students

Links

- <http://school.discoveryeducation.com/schrockguide/math.html>
- http://www.awesomelibrary.org/Classroom/Mathematics/Elementary_School_Math/Elementary_School_Math.html
- <http://usny.nysed.gov/parents/>

Thank you for coming and we hope you had an enjoyable night!

- Gennie Bartholomew...AIS Reading 3→5
- Andrea Puls...AIS Reading K→2
- Margarete Couture...Principal
- Todd Kurzweil...AIS Math K→3
- Stacey Clark...Special Education Teacher
- Marijke Bell...Teaching Assistant
- Cathy Gabriel...Teaching Assistant
- Heather Cranford...AIS Reading...Ovid
- Jennifer Gray...Even Start
- Kimrae Alsheimer...1st Grade Teacher

Thank you!

- We would like to express our gratitude for the work that has been done by our cafeteria staff as well as our custodial staff in order to make this event successful!

Thank you very much!!!