



Gruening Middle School

“Math and Writing: Everywhere, Everyday Phase II” 2009-2010



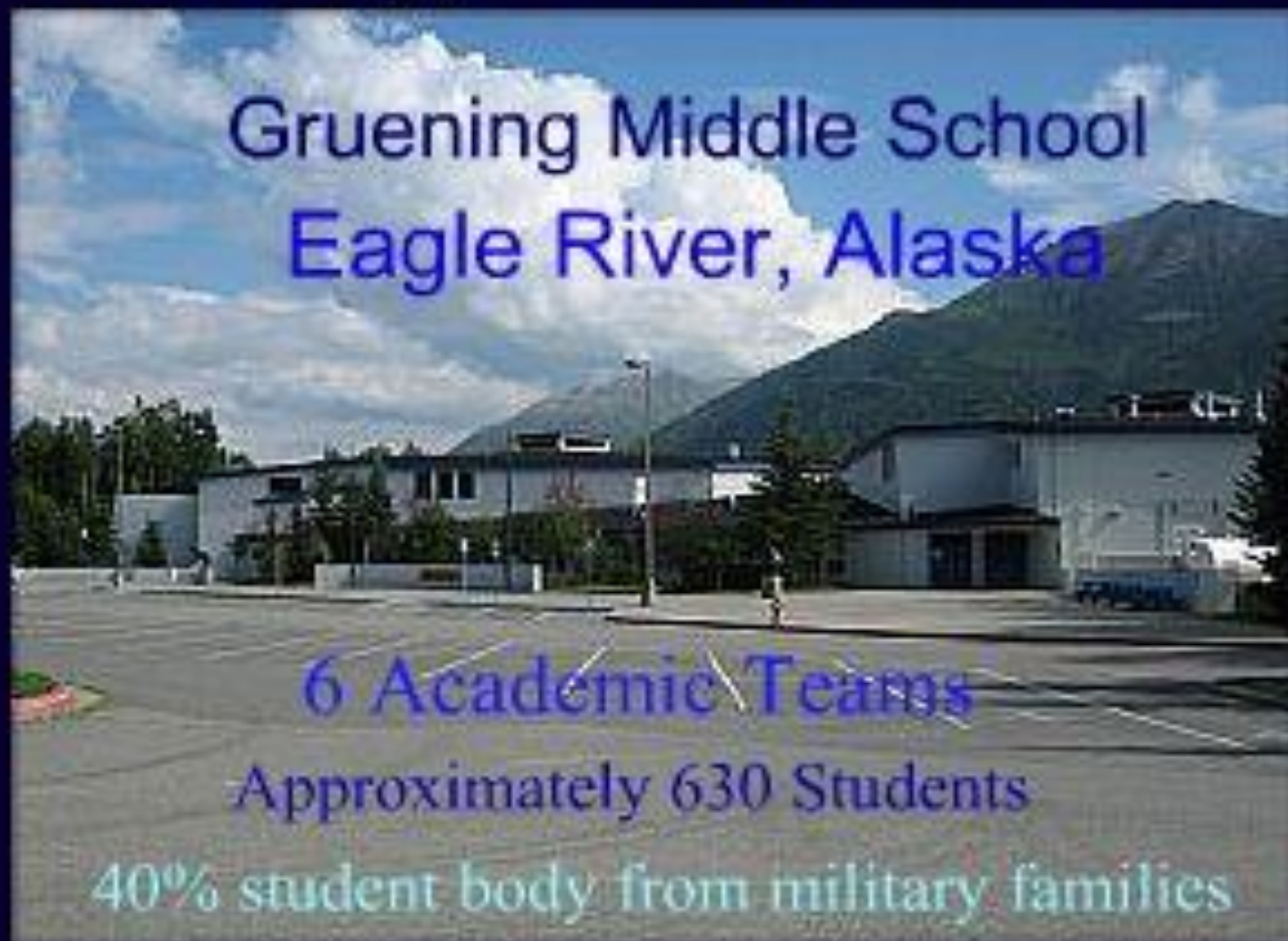
Our Question:

“How can we help teachers continue to incorporate math and writing across curriculum?”

Art, World languages, Family and Consumer Science

Anchorage School District

Gruening Middle School
Eagle River, Alaska



6 Academic Teams

Approximately 630 Students

40% student body from military families

65 teachers and support staff members

Play Production, Various science electives, Orchestra,

Sports, Art Club, Physical Education and Health

Electives: Applied Technology, Drama, Band, Choir,

This past year GMS made AYP under the NCLB standards. We believe that our AEIN logic model was one of the contributing factors. As teachers we feel more empowered and unified through our cross-content and cross-grade collaboration. As a staff we are integrating language arts and mathematics meaningfully more often and more effectively. There is a heightened awareness because of the work done in small collegial groups and sharing AEIN successes at staff meetings.

Check list:

- Logic model training for new to building staff
- Expanded logic model training to selected 7th and 8th grade social studies and science teachers
- Professional development at staff meetings
- Sharing of strategies and success at staff meetings
- Incorporation of writing about mathematics at student-led conferences
- 8th grade social studies teachers lesson planning collaboration

Proposed Actions Spring 2010

- 8th grade social studies and math teacher lesson planning collaboration
- 7th grade social studies and math teacher lesson planning collaboration
- P.E. teachers collaboration to incorporate writing and math
- 7th grade math and language arts teachers collaborating to create meaningful MyAccess prompts
- 8th grade science and language arts teachers



Laura Wrenn, Michelle Foss, Vicky Otte, Holly Odegard

The work that we did in planning and preparing for meeting with other schools forced us to be more **reflective** and think more **deeply** about what really works. In support of the network, our desire was to **join forces** with two other AEIN schools (one rural and one urban) to **collaborate** on our logic models. Unfortunately, due to scheduling conflicts and other factors, we were unable to **connect** with these schools as we had hoped. If we had another year to continue our model, we would **love** to forge an educational relationship with other AEIN schools.



Examples

Math Reflection Sheet

Answer all the questions thoughtfully; there are no right or wrong answers, only what you truly and honestly think. Remember to apply what you have learned about writing; be sure your grammar and spelling are as good as your ideas. If you need more room you may continue on another piece of paper.

SELF EVALUATION

1. Please LIST the classes have you used **writing skills** in (besides your math class) this past school year.
2. How are the **writing skills** you are learning are important for your future life?

