

NUMERACY INITIATIVES

in the

Langley School District

0011 0010 1010 1101 0001 0100 1011

0011 0010 1010 1101 0001 0100 1011

School District No. 35 (Langley)
Board of Education Meeting
January 24, 2012



NUMERACY INITIATIVES

in the Langley School District

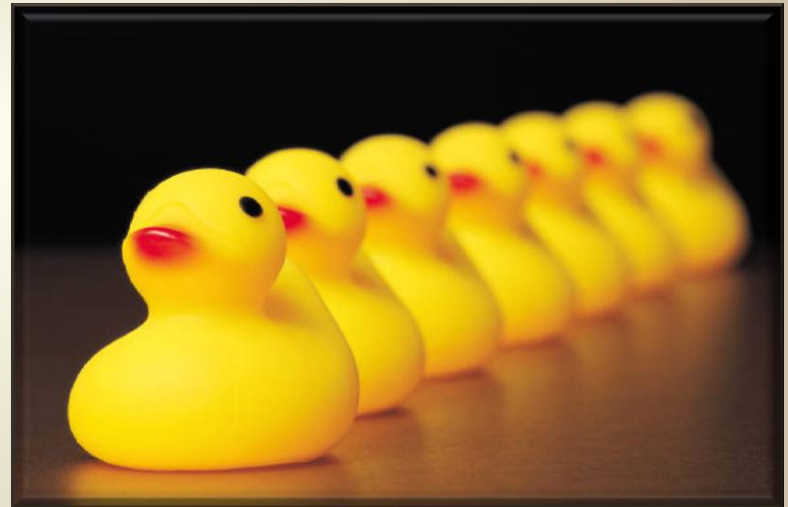
0011 0010 1010 1101 0001 0100 1011

- **Rationale**
- **Literacy**
- **Numeracy**
 - **Support for Struggling Students**
 - **Pedagogy**
 - **Professional Development**
 - **Teacher Support**
 - **Resources**



LITERACY

- **Early Literacy**
- **Resources**
- **Interventions**
- **Assessment**
- **Instruction**
- **Intermediate/Middle**



WHY NUMERACY?

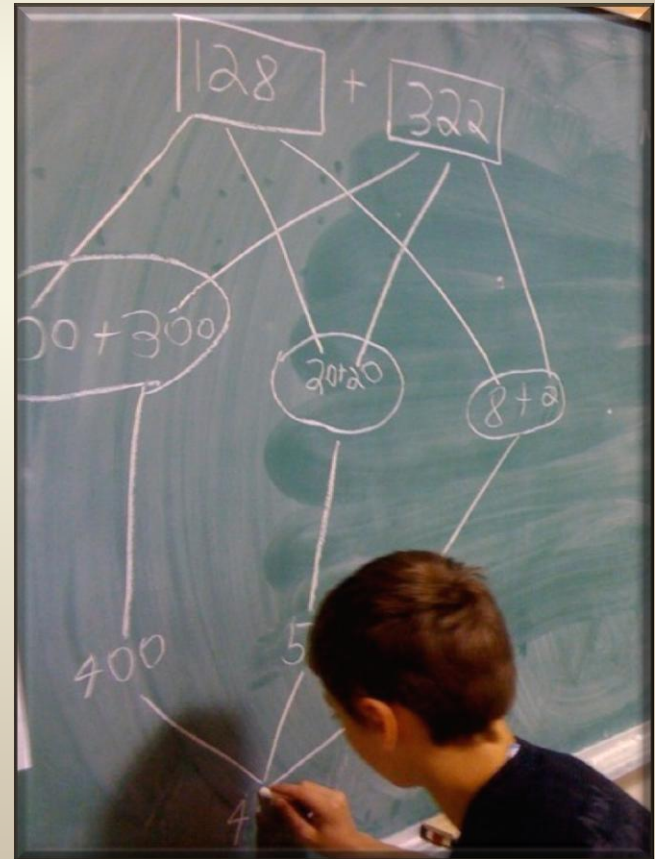
0011 0010 1010 1101 0001 0100 1011

- **One of the strongest predictors, that the District has observed, is the relationship between math 10 and science 10 results:**
 - **Approximately 70% of the District's non-completers receive a C- or below in these subjects**



NUMERACY PLAN

- Support struggling students
- Improve instruction



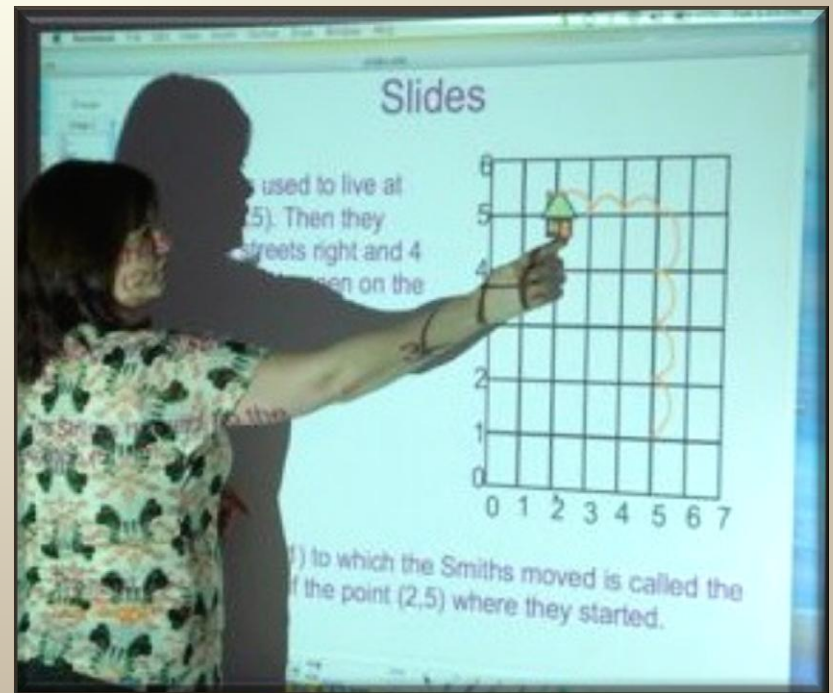
SUPPORT FOR STRUGGLING STUDENTS

- Differentiated Instruction
 - Leaps and Bounds
- Interventions
 - Do the Math
- Numeracy Contact Network



IMPROVE INSTRUCTION

- Professional Development
- Teacher Support
- Resources



PROFESSIONAL DEVELOPMENT

- Differentiated Instruction
- Student Engagement
- Use of Technology

TEACHER SUPPORT

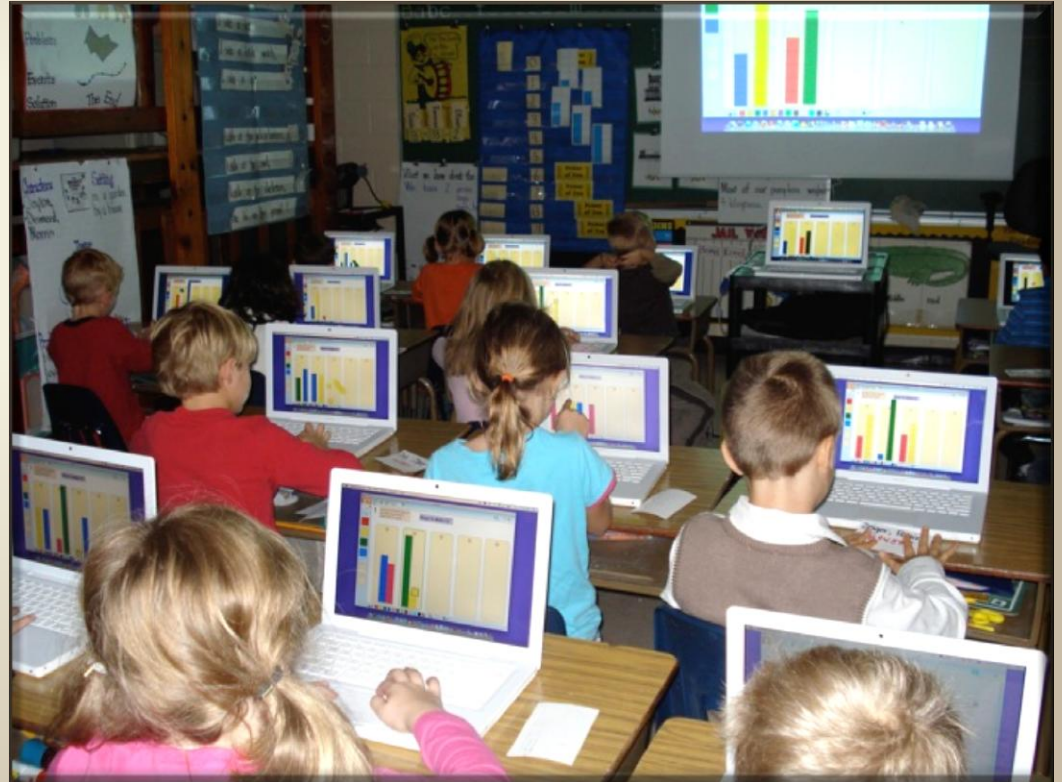
0011 0010 1010 1101 0001 0100 1011

- **Team Teaching**
- **Networking**
- **Communicating**
- **Leadership**
- **Mentoring**



RESOURCES

- Do the Math
- PRIME Kits
- Leaps and Bounds
- Manipulatives
- Technology



WHAT DOES IT LOOK LIKE THIS YEAR?

0011 0010 1010 1101 0001 0

Pilot:

- To inform implementation at other sites
 - To expand the implementation
- To decrease the number of struggling math students



A FOCUS ON GRADES 4 - 9

0011 0010 1010 1101 0001 0100 1011

Langley Secondary School

- Six Elementary Feeder Schools
- H.D. Stafford Middle School
- LSS (Everyday Math)

Aldergrove

- Betty Gilbert (grade 7)

Brookwood Secondary

- Everyday Math

