



OLYMPIA SCHOOL DISTRICT BOARD MEETING

MIDDLE SCHOOL MATH
MATERIALS REVIEW
PRESENTATION – May 8, 2006



K-8 WORK IN PROGRESS

- SUPPORT A K-8 COMMON PHILOSOPHY
- DECISION TO KEEP TRAILBLAZERS IN OUR ELEMENTARY SCHOOLS
- AGREE THAT SUPPLEMENTAL MATERIALS ARE NEEDED



K-5 WORK IN PROGRESS

- ELEMENTARY MATH TEAM WITH REPRESENTATION FROM EACH SCHOOL AND EACH GRADE LEVEL
- TEAM MEMBERS HAVE GROUPED BY GRADE LEVEL AND ARE DEVELOPING THE FOLLOWING:



K-5 ELEMENTS TO ENRICH THE CORE CURRICULUM

- SUPPLEMENTAL TOOLKIT FOR THE WEB
- COMMON CLASSROOM BASED ASSESSMENTS BY GRADE LEVELS
- COMMON DATA COLLECTION TOOL
- TIME TO MEET AND DISCUSS STUDENT PERFORMANCE – STAFF DEVELOPMENT



K-5 ELEMENTS TO ENRICH THE CORE CURRICULUM CONTINUED

- SET OF MANIPULATIVES FOR EVERY TEACHER
- TWO TEACHER RESOURCE BOOKS
- INDUCTION FOR NEW STAFF
- PARTNERING WITH YELM AND NORTH THURSTON



DISTRICT STRUCTURES FOR MATH INITIATIVES

- K-12 MATH TASK FORCE (on-going)
- ELEMENTARY MATH TEAM (on-going)
- MIDDLE SCHOOL MATH TEAM (on-going)
- HIGH SCHOOL MATH TEAM (on-going)

- MIDDLE SCHOOL MATERIALS REVIEW COMMITTEE



SECOND ORDER CHANGE

- Makes a meaningful difference in the classroom. It is about changing what we teach, how we teach, and how we use assessment to improve. This is the level of change that brings forth greater improvement in student achievement.
- This type of change brings about discomfort because we are looking at areas that we have not performed as well as we would like.



REVIEW TEAM MEMBERSHIP

- 5 PARENTS
- 2 MIDDLE SCHOOL PRINCIPALS
- 3 ELEMENTARY TEACHERS
- 11 MIDDLE SCHOOL TEACHERS
- 5 HIGH SCHOOL TEACHERS
- 1 DISTRICT ADMINISTRATOR



PROCESS

- 1ST Mtg. – OVERVIEW AND PURPOSE
- 2ND Mtg. – REVIEW OF 7 DIFFERENT MATERIALS
- 3RD Mtg. – DATA and DISCUSSION
- 4TH Mtg. – GUESTS FROM OTHER DISTRICTS, DISCUSSION, RECOMMENDATION



DATA, RESEARCH, OPINIONS

- 1999 PROJECT 2061 – American Association for the Advancement of Science – study of 13 middle school programs
- 2000 – U of W Comparative Study of Singapore Math, Connected Math Project, and Math In Context
- 2005 OSPI Publishers Review with GLEs



DATA, RESEARCH, OPINION

- OSPI Curriculum Advisory Review Committee (CARC)
- CMP's Research Information
- CMP's Data on districts using CMP and WASL scores



DATA, RESEARCH, OPINION

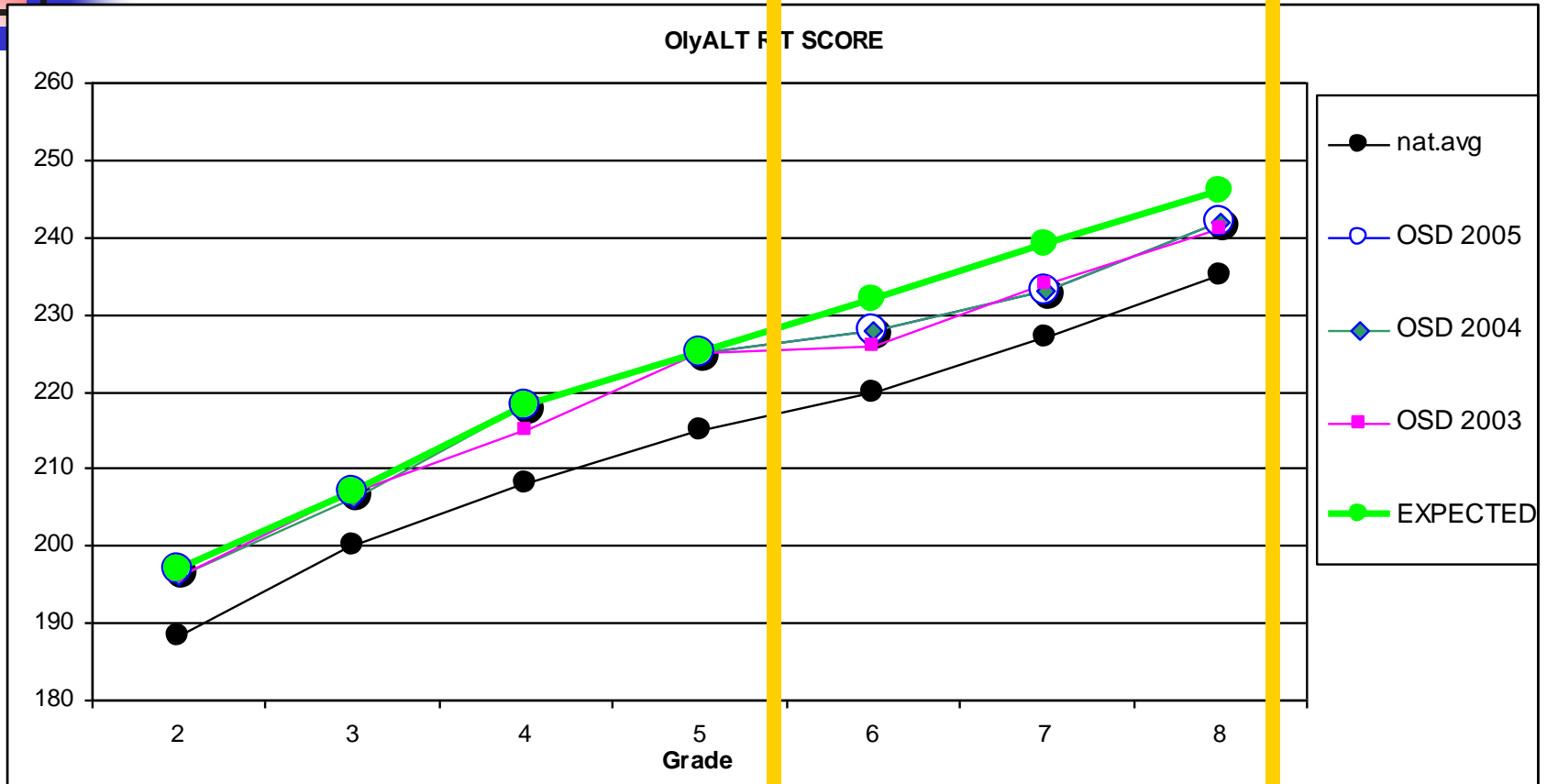
- Tom Boyce, ESD 113 Math Specialist
- Bob McIntosh, North Thurston Public Schools, Math Coordinator
- Mary Ann Stine, Director of Curriculum, Everett School District
- Bev Neitzel, OSPI Math Director
- Jan Zuber, Executive Director, Bellevue
- Paula Koehler, Executive Director, Snohomish
- Suzanne Hall, Executive Director, Tumwater



GUEST SPEAKERS

- PATRICK PARIS, Tacoma School District, Math Teacher and District Math Specialist
- BILL SEBRING, – Tumwater School District, Middle School Math Teacher
- BOB HUGHES, – OSD, Jefferson Middle School Math Teacher, Piloted CMP
- KEITH BARBER, – OSD, 5th Grade Teacher, former CMP experience in previous district

Olympia School District score averages, while above national average, have not met expected growth at the middle school level





BELLEVUE'S EXPERIENCE

- BELLEVUE HAS BEEN USING CMP FOR TEN YEARS
- 7th GRADE WASL RESULTS
 - 1998 -- 36.2% met or exceeded standard
 - 2005 -- 72.9% met or exceeded standard
 - Increase of 36.7%



BELLEVUE'S EXPERIENCE

SINCE ADOPTING CMP AND CORE PLUS
10TH GRADE WASL

- 1999 -- 58.9% MET STANDARD
- 2005 -- 72% MET STANDARD
- INCREASE OF 13.1%



BELLEVUE'S EXPERIENCE

- 1998 – 138 Students enrolled in Calculus or Statistics
- 2005 – 607 student enrolled in Calculus or Statistics
- Class of 2007 – 87% have registered for pre-calculus or higher. 64% have registered for AP/IB



REAL ISSUE

A TRADITIONAL APPROACH

OR

A CONSTRUCTIVIST APPROACH

CONCERNS



- Middle School Scores
- We should infuse supplemental materials to help with skill development
- Ensure effective teacher training and support exists



CONCERNS

- A few members first preference was not CMP and had some concerns about the process
- **However, the vast majority of the team supports the recommendation of CMP**



COMMITTEE RECOMMENDATION

- Adopt Connected Math Project (CMP) for the Fall of 2006
- Provide substantial staff development
- Hire a Math TOSA (Teacher on Special Assignment)



1st READING REQUEST

- PREPARE TO APPROVE THE RECOMMENDATION TO ADOPT CMP AT THE MAY 22nd BOARD MEETING
- THANK YOU TO THE COMMITTEE MEMBERS
- THANK YOU BOARD MEMBERS FOR YOUR CONSIDERATION



PARENT MEMBERS

- Theresa Tsou
- Marta Gomez-Buckley
- Jennifer Anders
- Carla Borggaard
- Steven Kant



STAFF MEMBERS

Chris Sogn - HS

Jan Stuckey - HS

Maureen Rathbone -MS

Joan Valz - MS

Vickie Tuvey – MS

Malinda Lamm – MS

Kate Trafton – MS

Kelly Pankau - MS



STAFF MEMBERS

- Eli Normoyle – MS
- Ericka Boysen – MS
- Chris Mondau – MS
- Keith Barber – ES
- Linda Nelson – ES
- Kathy Long – ES (special services)
- Monica West - HS



STAFF MEMBERS

- Dan Casler – HS
- Randy Lobe – HS
- George Strid – MS
- Joni Wolpert – MS Principal
- Mike Cimino – MS Principal
- Matt McCauley – District Office