

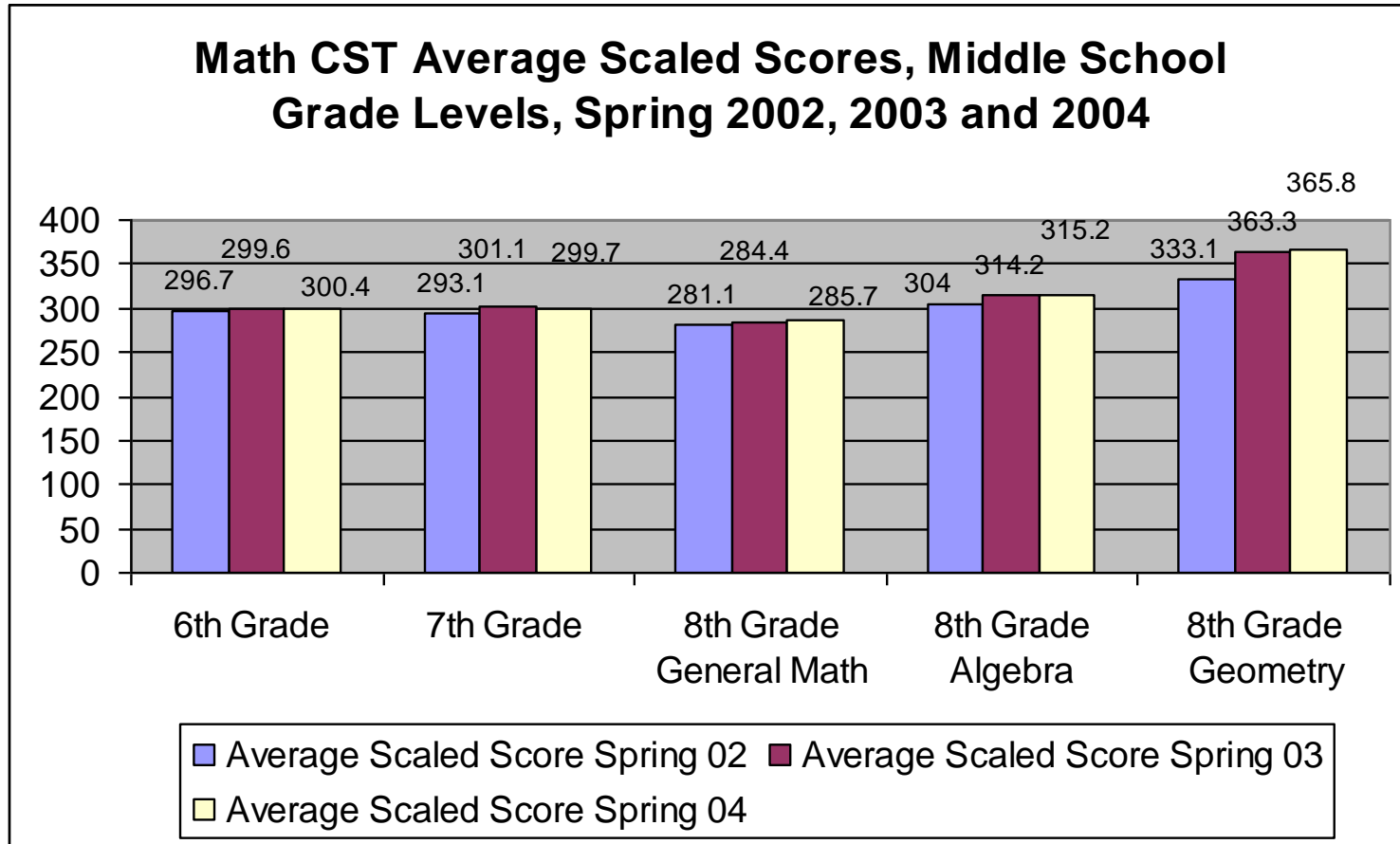
OUSD Middle School Math Instruction Focus on Results

2004-2005

Middle School Math CST Scores

Spring 2002, 2003, and 2004

Middle school grades made some improvement from 2001-02 to 2003-04 when we compare how each grade level did in each of the three school years.



Scale score of 300 is minimum Basic; 350 is minimum Proficient. Scaled scores are earned on a scale of 150-600, with 150 being the lowest point of Far Below Basic and 600 the highest possible score.

Middle School Math Interventions/Instructional Support

In-School

- Time During Course of School Day
- Extended Day
 - Time beyond Regular School Day
 - Before School
 - After School
 - Saturday School
- Professional Development

In-School Math Interventions:

1. Extra Math Period
2. Longer Instructional Day
3. Math Technology
 - PLATO
 - Accelerated Math
4. Tutoring
5. Home/School Connections

In-School Math Interventions (cont.)

1. Extra Period of Math – With Class-Size Reduction

- Brewer
- Carter
- Claremont
- Elmhurst
- Frick
- KIPP
- Melrose
Leadership
- Montera
- Urban
Promise
- Westlake

In-School Math Interventions (cont.)

2. Longer Instructional Day

- Part of Regular School Day

- KIPP
- Melrose
- UPA

In-School Math Intervention (cont.)

3. Math Instructional Technology

- PLATO
- Accelerated Math

- Brewer
- Elmhurst
- Frick
- Lowell
- Melrose Leadership
- Montera
- Rudsdale
- Simmons
- Village
- Westlake

In-School Math Interventions (cont.)

4. Tutoring

- Peer
- Volunteer
- Teacher
- Parent Volunteers
- University Connections

- Brewer
- Carter
- Claremont
- Elmhurst
- Explore
- Frick
- KIPP
- Lowell
- Madison
- Melrose Leadership
- Montera
- Roosevelt
- Rudsdale
- Simmons
- Urban Promise

In-School Math Interventions (cont.)

5. Home-School Connections

- Student Performance Notices
- Parent Conferences
- Math Family Nights
- Data Inquiry Nights

ALL
Middle Schools
Participate

Extended Day Interventions:

(Time Beyond the Instructional Day)

1. Tutoring & Homework Centers
2. Saturday School (1 or 2 Times a Month)
3. Supplemental Educational Services

Extended Day Math Interventions (cont.)

1. Tutoring & Homework Centers:

- 2-5 days a week (*depending on site*)
- Peer, Volunteer, Teachers
- Focus on Strategic Interventions

**All
Middle Schools
Participate**

Extended Day Math Interventions (cont.)

2. Saturday School *(1 or 2 Times a Month)*

- Brewer
- Frick
- Havenscourt
- KIPP
- Madison
- Simmons

Extended Day Math Interventions (cont.)

3. Supplemental Educational Services (SES)

- Outside Vendors, i.e.,
 - Sylvan Learning
 - Princeton Review

- Claremont
- Elmhurst
- Havenscourt
- King Estates
- Madison
- Simmons

Promising Site-Based Interventions: Early Wins!

- Extra Period of Math
- On-site Coaching Support
 - ACCESS
 - BayCES
 - Data Works
 - Instructional Facilitator, Middle School Math (Kevin Pattison)

District Math Initiatives:

- Professional Development
 - Mini-Conference Themes:
 - *Developing Conceptual Understanding*
 - *Differentiated Instruction*
 - *Assessment*
- Assessment
 - Diagnostic Assessment
 - Benchmark Exams
 - MARS Assessment Pilot Program
- Professional Learning Communities