



# **CUSD #95 Gifted Program**

**History and  
Overview**



# Agenda

- Introductions
- History of the District 95 Gifted Program
- Structure of the Replacement Math Program
- Identification Process
- Middle/High School Math Sequence
- Understanding High Achievers vs. Gifted Learners
- Timeline for Screening Process
- Questions



**2001: Committee Developed**

**2002/03: Pilot Program**

Reading (Grades 3–5)

Math (Grades 3–5)

Push–In Program Grades K–2

**2003/04: Program Implemented**

Elementary Level

Middle School Level



# Elementary Program

## Replacement Math Classes

(60 minutes sessions daily)

- Third Grade
- Fourth Grade
- Fifth Grade



# Replacement Math Identification

## 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Grade

Initial pool

- MAP Math (95<sup>th</sup>ile in current grade)
- Additional Criteria
  - MAP Math (95<sup>th</sup>ile above current grade level)
  - CogAT
  - Problem Solving



# NWEA Northwest Evaluation Association

## Growth is measured from Fall to Spring

### Mathematics

Season/ Year	Grade	Student Score Range	Dist. Avg RIT	Norm Group Avg.	Student Growth	Typical Growth	Student %ile Range
S07	2	222- 225 -228	196	191	13	7	99- 99 -99
F06	2	209- 212 -215	186	179			99- 99 -99



# Northwest Evaluation Association

## Spring MATHEMATICS RIT Score to Percentile Rank Conversion

<b>%ile</b>	<b>Grade 2</b>	<b>Grade 3</b>	<b>Grade 4</b>	<b>Grade 5</b>	<b>Grade 6</b>	<b>%ile</b>
<b>87</b>	192	205	216	226	233	<b>87</b>
<b>88</b>	192	206	216	227	234	<b>88</b>
<b>89</b>	197	206	217	227	235	<b>89</b>
<b>90</b>	194	207	217	228	235	<b>90</b>
<b>91</b>	194	207	218	229	236	<b>91</b>
<b>92</b>	195	208	219	229	237	<b>92</b>
<b>93</b>	196	208	220	230	238	<b>93</b>
<b>94</b>	197	209	221	231	239	<b>94</b>
<b>95</b>	198	210	222	233	240	<b>95</b>
<b>96</b>	199	211	223	234	241	<b>96</b>
<b>97</b>	201	213	225	235	243	<b>97</b>
<b>98</b>	202	215	227	238	245	<b>98</b>
<b>99</b>	205	218	230	241	249	<b>99</b>

# CogAT<sup>®</sup>

## PROFILE NARRATIVE FOR *Cognitive Abilities Test*

Abilities	National Age Scores		National Age Percentile Ranks				
	Standard Age Score	Percentile Stanine Rank	Low 1	25	50	75	High 99
Verbal							
Quantitative							
Nonverbal							
<b>COMPOSITE</b>							

Abilities	Raw Scores			Grade Scores	
	Number of Items	Number Att.	Number Correct	National Stanine	National Percentile Rank
Verbal	65	65	63	9	98
Quantitative	60	60	58	9	98
Nonverbal	65	65	64	9	99
<b>COMPOSITE</b>				<b>9</b>	<b>99</b>



# Replacement Math Curriculum

Everyday Mathematics Curriculum

- Spiral
- Critical Thinking
- Problem Solving

Hands on Equations

Stock Market Game

Schoolyards to Skylines



# Replacement Math Instructional Approach

Compacted

Accelerated

- Approximately 1½ year of curriculum covered each year.

Enrichment




# Math Progression

Middle/High School  
Gifted and Advanced  
Sequences



# Gifted Math Sequence Middle/High School

- 6<sup>th</sup> – Pre-algebra
- 7<sup>th</sup> – Algebra
- 8<sup>th</sup> – Geometry
- 9<sup>th</sup> – Honors Advanced Algebra
- 10<sup>th</sup> – Honors Pre- Calculus  
Trigonometry
- 11<sup>th</sup> – Advanced Placement Calculus  
A/B or AP Statistics
- 12<sup>th</sup> – Advanced Placement Calculus  
B/C or AP Statistics



# Advanced Math Sequence

## Middle/High School

- **6<sup>th</sup> grade** – Advanced Math
- **7<sup>th</sup> grade** – Pre-Algebra
- **8<sup>th</sup> grade** – Algebra
- **9<sup>th</sup> grade** – Honors Geometry
- **10<sup>th</sup> grade** – Honors Algebra II
- **11<sup>th</sup> grade** – Honors Pre-Calculus  
and Trigonometry
- **12<sup>th</sup> grade** – Calculus AB or  
AP Statistics

# Jeopardy

Gifted or Bright?	Under- achievers	Unique Interests	Social Issues	Creative Collaboration
<u>Q \$100</u>	<u>Q \$100</u>	<u>Q \$100</u>	<u>Q \$100</u>	<u>Q \$100</u>
<u>Q \$200</u>	<u>Q \$200</u>	<u>Q \$200</u>	<u>Q \$200</u>	<u>Q \$200</u>
<u>Q \$300</u>	<u>Q \$300</u>	<u>Q \$300</u>	<u>Q \$300</u>	<u>Q \$300</u>
<u>Q \$400</u>	<u>Q \$400</u>	<u>Q \$400</u>	<u>Q \$400</u>	<u>Q \$400</u>
<u>Q \$500</u>	<u>Q \$500</u>	<u>Q \$500</u>	<u>Q \$500</u>	<u>Q \$500</u>

Final Jeopardy






## **\$100 Question from Gifted or Bright?**

When students know the  
answers are they ...


**Gifted or Bright?**



## **\$100 Answer from Gifted or Bright?**

When Students know the answers they are more likely to be bright.

**Gifted students** tend to ask a lot of questions.



## \$200 Question from Gifted or Bright?

When students complete all  
assignments on time are  
they...

Gifted or Bright?



## **\$200 Answer from Gifted or Bright?**

When students complete all assignments on time they are usually bright.

**Gifted students** tend to initiate projects.



## \$300 Question from Gifted or Bright?

When students enjoy  
sequential presentations  
are they...

Gifted or Bright?



## **\$300 Answer from Gifted or Bright?**

Bright students enjoy sequential presentations.

**Gifted students** thrive on complexity.



## **\$400 Question from Gifted or Bright?**

When students are in the top academic group are they...

Gifted or Bright?



## \$400 Answer from Gifted or Bright?

Bright students are in the  
top academic group.

**Gifted students** are  
beyond the group.



# Who qualifies?

- The previous state guidelines recommended the top 5% of students in a district receive gifted services.
- District 95's elementary programs strive to be more inclusive. Approximately 10% of students in the elementary schools receive replacement math services.



# Replacement Math Screening Time Line

- MAP Testing – September & April
- CogAT Testing - March
- Problem Solving- April/May
- Parent Notification - Late Spring



# Parent Resources

## Online resources

- National Association for Gifted Children, <http://www.nagc.org> *Parenting for High Potential* is an excellent magazine which comes with NAGC membership.
- SENG: Supporting the Emotional Needs of the Gifted. <http://www.sengifted.org>
- Center for Talent Development at Northwestern University, <http://www.ctd.northwestern.edu> The center has a number of programs available for gifted children. Visit their website to see what is available.
- This is an excellent link with a wide variety of information about gifted children and gifted education. <http://www.hoagiesgifted.org>
- The Lexile site helps identify reading material matching reading ability with text difficulty. <http://www.lexile.com>
- This link provides information about MAP testing. <http://www.nwea.org>



Questions?