

WBJHS

NINE PERIOD DAY PRESENTATION

Committee Members:

Scott Payne, Principal JHS

Jen Carere, Assistant Principal, JHS

Donna McGrath, 6-12 SS Chairperson

Hans Haugen, 6-12 ELA Chairperson

Patty Acocella, 6-8 Math/Science chairperson

Michael Mack, 6-8 Sp. ED. Chairperson

Liz Garland, 6-8 H&C/Technology Chairperson

Bill Doran, 6-8 Music/Art Chairperson

Danielle Richert, 6-12 Phys. Ed. Chairperson

Kevin Delaney, Cluster Leader

Rose Lyn Cipparulo, Cluster Leader

Julie Powers, Cluster Leader

Bob Neville, Science/ELO teacher

Jen Niles, Science/ELO teacher

Diane Carrozzo, ELA 7 teacher

Eileen Moran, Team Leader

Chuck Benvenuto, SS Teacher

Therese Coleman, LOTE Chairperson

Kathleen Gibbs, Guidance

Lorraine Zemba, Guidance

James Lauritsen, Attendance

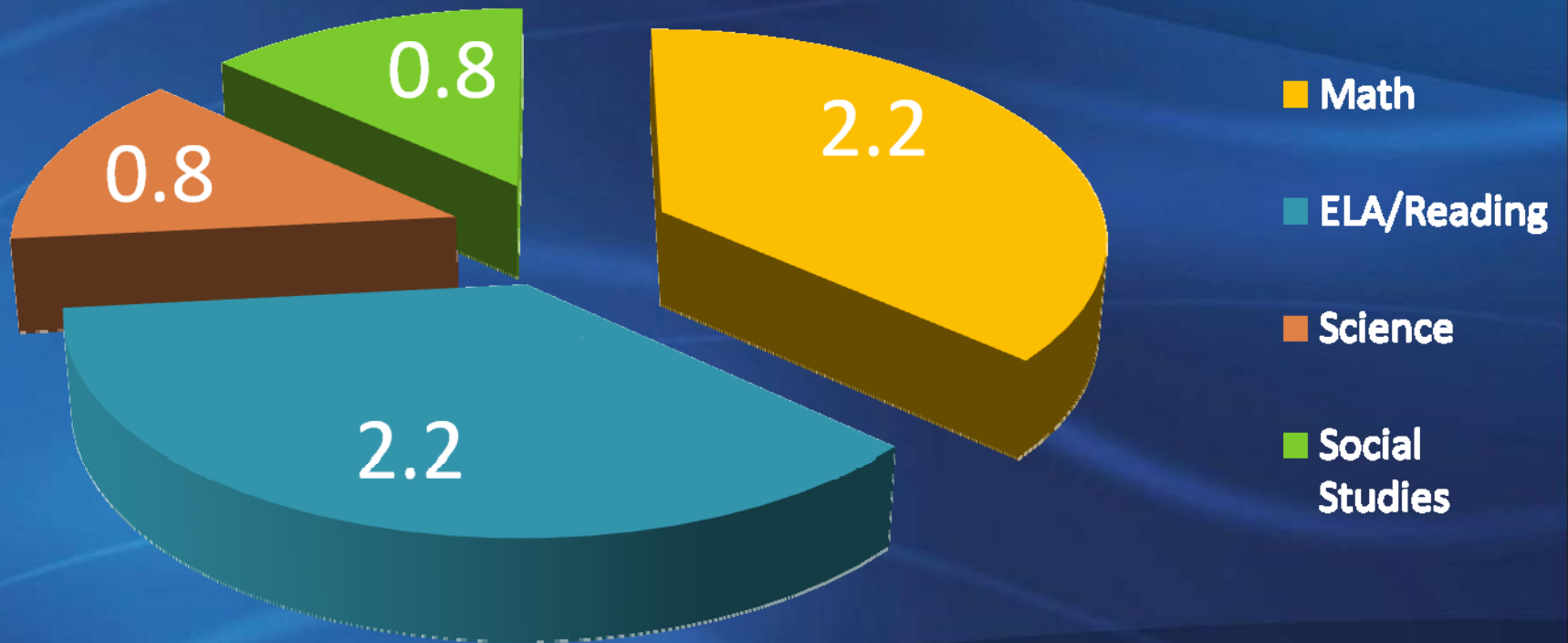
Brad Cammarano, Math Teacher



Introduction

- Staffing
- Construct of 9 Period Day/Teaming
- Comparison of Local Schools
- NYS Test Data
- Higher Student Achievement Goals

8 Period Day Staffing



Estimated Loss of 6 Teachers

Construct of the 9 period day

Phys. Ed./Music

Specials 1

Lunch

LOTE/Health/Reading

ELA

Math

Science

Social Studies

9th Period

Phys. Ed./Music

Specials 1

Lunch

LOTE/Health/Reading

ELA

Math

Science

Social Studies

Construct of the 9 period day

9th Period

- Academic Based- Different services based on student needs.
- One of the reasons we moved to a 9 period day (2006-2007) , was to avoid having AIS or lab programs given during students lunch/recreation periods.

Teaming

7th Grade:

332 Students @ 24 students per class = 14 Sections

Teaming Interdisciplinary Teaching

Red Lab

Orange Lab

Blue/Gold Lab

Green Lab

Purple Lab

Comparison of Other Schools

- Islip Middle School
- Amityville School
- Bay Shore Middle School
- Deer Park
- Lindenhurst
- Babylon Junior-Senior High School
- West Islip Udall Middle School
- Dix Hills Middle School
- Copiague Middle School
- North Babylon Robert Moses Middle School
- Wyandanch Middle School

Comparison of Other Schools

Of all the schools interviewed two of them have an existing 8 period day, one has a modified 9 period day. All the rest have a 9 period day.

Enrichment classes	AIS
LOTE (7th Grade)	Character Ed
Ecology in Our World	Performing Arts
Digital Decision Makers	Intervention Math/ELA
Computers	Academic Seminar
AIS alternating Phys. Ed.	World Language
Academic Foundations	Math Workshop
Tech & Electricity	Bridge Program
21st Century Program	Double ELA
World Culture	Writing Workshops

Grade 6 ELA

	NAME	Grade	Subject	Proficient
1	Babylon Union Free School District	Grade 6	ELA	78%
2	West Babylon Union Free School District	Grade 6	ELA	71%
3	West Islip Union Free School District	Grade 6	ELA	67%
4	Lindenhurst Union Free School District	Grade 6	ELA	66%
5	Deer Park Union Free School District	Grade 6	ELA	65%
6	North Babylon Union Free School District	Grade 6	ELA	63%
7	Islip Middle School	Grade 6	ELA	63%
8	Udall Road Middle School	Grade 6	ELA	61%
9	Bay Shore Middle School	Grade 6	ELA	61%
10	Amityville Union Free School District	Grade 6	ELA	50%
11	Copiague Union Free School District	Grade 6	ELA	47%
12	Wyandanch Union Free School District	Grade 6	ELA	34%

Grade 7 ELA

	NAME	Grade	Subject	Proficient
1	West Babylon Union Free School District	Grade 7	ELA	69%
2	Babylon Union Free School District	Grade 7	ELA	65%
3	West Islip Union Free School District	Grade 7	ELA	63%
4	Lindenhurst Union Free School District	Grade 7	ELA	58%
5	Islip Middle School	Grade 7	ELA	56%
6	Udall Road Middle School	Grade 7	ELA	56%
7	Bay Shore Middle School	Grade 7	ELA	53%
8	North Babylon Union Free School District	Grade 7	ELA	50%
9	Deer Park Union Free School District	Grade 7	ELA	48%
10	Copiague Union Free School District	Grade 7	ELA	35%
11	Amityville Union Free School District	Grade 7	ELA	26%
12	Wyandanch Union Free School District	Grade 7	ELA	24%

Grade 8 ELA

	NAME	Grade	Subject	Proficient
1	Lindenhurst Union Free School District	Grade 8	ELA	60%
2	West Babylon Union Free School District	Grade 8	ELA	56%
3	Deer Park Union Free School District	Grade 8	ELA	56%
4	Bay Shore Middle School	Grade 8	ELA	56%
5	Babylon Union Free School District	Grade 8	ELA	55%
6	West Islip Union Free School District	Grade 8	ELA	54%
7	North Babylon Union Free School District	Grade 8	ELA	52%
8	Islip Middle School	Grade 8	ELA	52%
9	Udall Road Middle School	Grade 8	ELA	47%
10	Copiague Union Free School District	Grade 8	ELA	43%
11	Amityville Union Free School District	Grade 8	ELA	23%
12	Wyandanch Union Free School District	Grade 8	ELA	19%

Grade 6 Math

	NAME	Grade	Subject	Proficient
1	Babylon Union Free School District	Grade 6	Math	83%
2	Lindenhurst Union Free School District	Grade 6	Math	78%
3	West Islip Union Free School District	Grade 6	Math	77%
4	Deer Park Union Free School District	Grade 6	Math	75%
5	West Babylon Union Free School District	Grade 6	Math	74%
6	Islip Union Free School District	Grade 6	Math	74%
7	Udall Road Middle School	Grade 6	Math	74%
8	Bay Shore Middle School	Grade 6	Math	69%
9	North Babylon Union Free School District	Grade 6	Math	62%
10	Amityville Union Free School District	Grade 6	Math	61%
11	Copiague Union Free School District	Grade 6	Math	55%
12	Wyandanch Union Free School District	Grade 6	Math	21%

Grade 7 Math

	NAME	Grade	Subject	Proficient
1	West Islip Union Free School District	Grade 7	Math	85%
2	West Babylon Union Free School District	Grade 7	Math	82%
3	Udall Road Middle School	Grade 7	Math	82%
4	Islip Union Free School District	Grade 7	Math	81%
5	Bay Shore Middle School	Grade 7	Math	80%
6	Babylon Union Free School District	Grade 7	Math	79%
7	Lindenhurst Union Free School District	Grade 7	Math	77%
8	Deer Park Union Free School District	Grade 7	Math	77%
9	North Babylon Union Free School District	Grade 7	Math	70%
10	Copiague Union Free School District	Grade 7	Math	56%
11	Amityville Union Free School District	Grade 7	Math	48%
12	Wyandanch Union Free School District	Grade 7	Math	30%

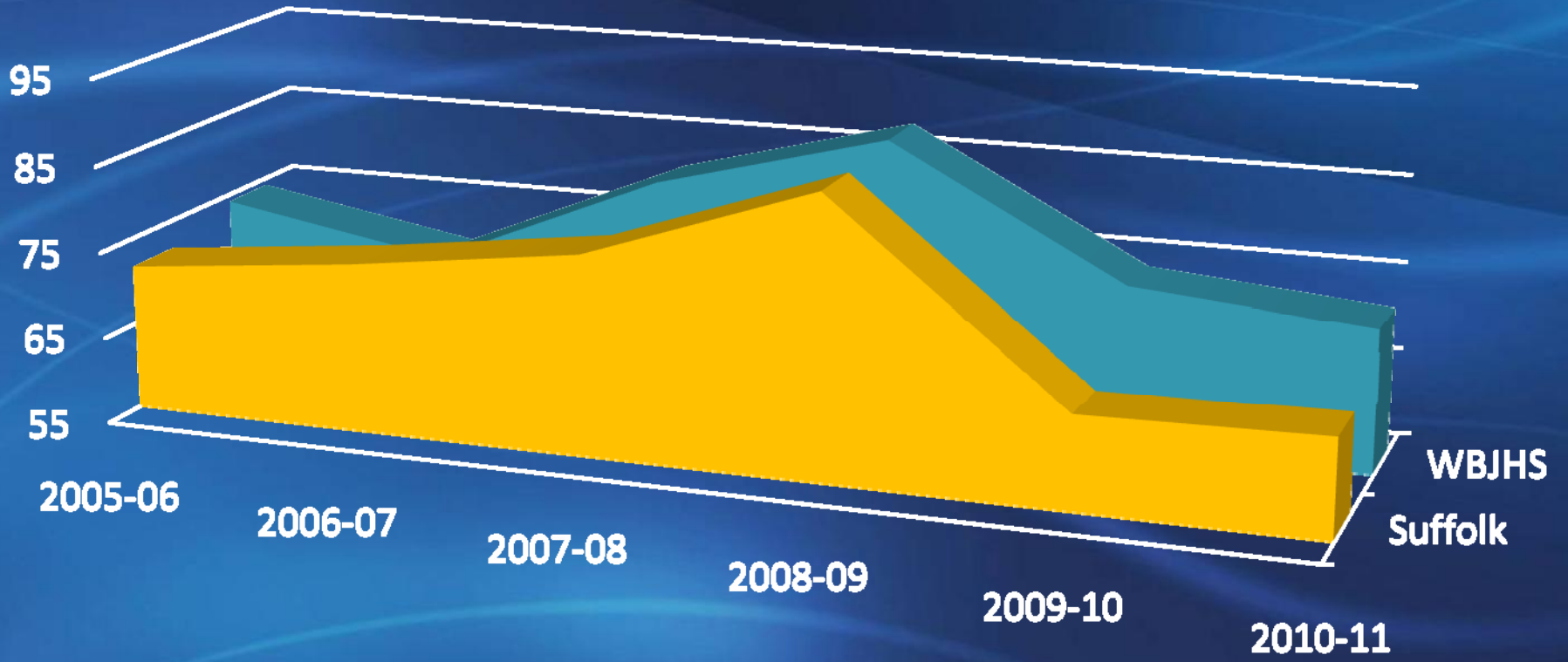
Grade 8 Math

	NAME	Grade	Subject	Proficient
1	Islip Union Free School District	Grade 8	Math	79%
2	West Babylon Union Free School District	Grade 8	Math	75%
3	Bay Shore Middle School	Grade 8	Math	74%
4	Babylon Union Free School District	Grade 8	Math	73%
5	West Islip Union Free School District	Grade 8	Math	69%
6	Deer Park Union Free School District	Grade 8	Math	67%
7	Lindenhurst Union Free School District	Grade 8	Math	66%
8	Udall Road Middle School	Grade 8	Math	62%
9	North Babylon Union Free School District	Grade 8	Math	55%
10	Copiague Union Free School District	Grade 8	Math	42%
11	Wyandanch Union Free School District	Grade 8	Math	25%
12	Amityville Union Free School District	Grade 8	Math	24%

Introduction

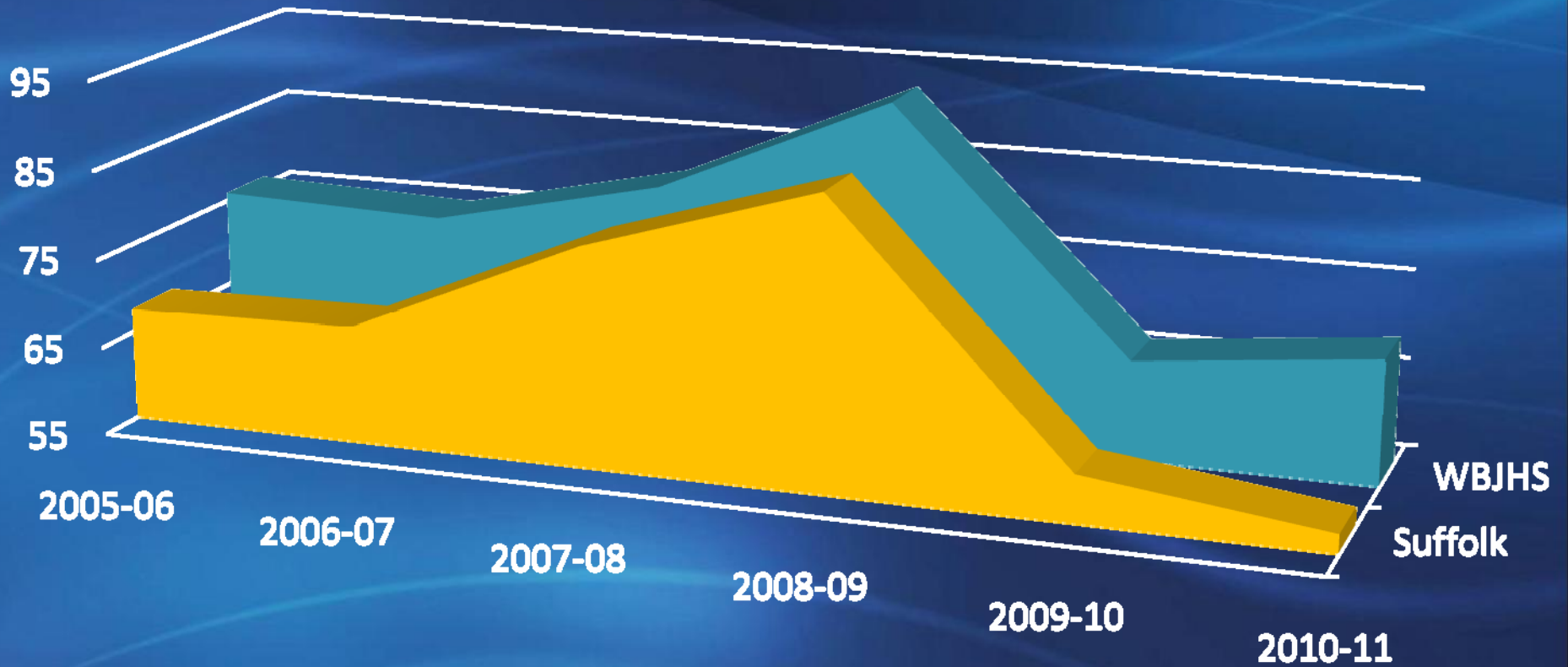
- Staffing
- Construct of 9 Period Day/Teaming
- Comparison of Local Schools
- **NYS Test Data**
- Higher Student Achievement Goals

ELA 6 PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



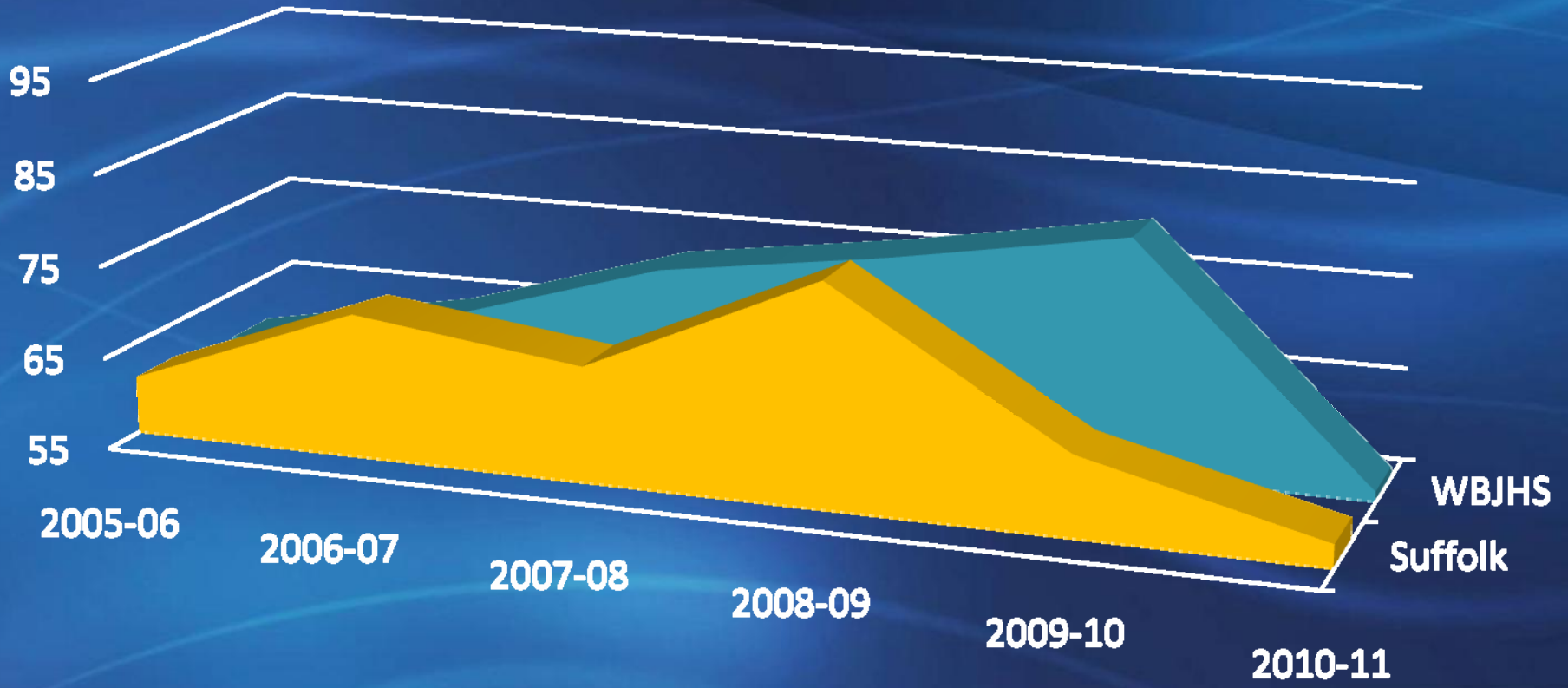
■ Suffolk ■ WBJHS

ELA 7 PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



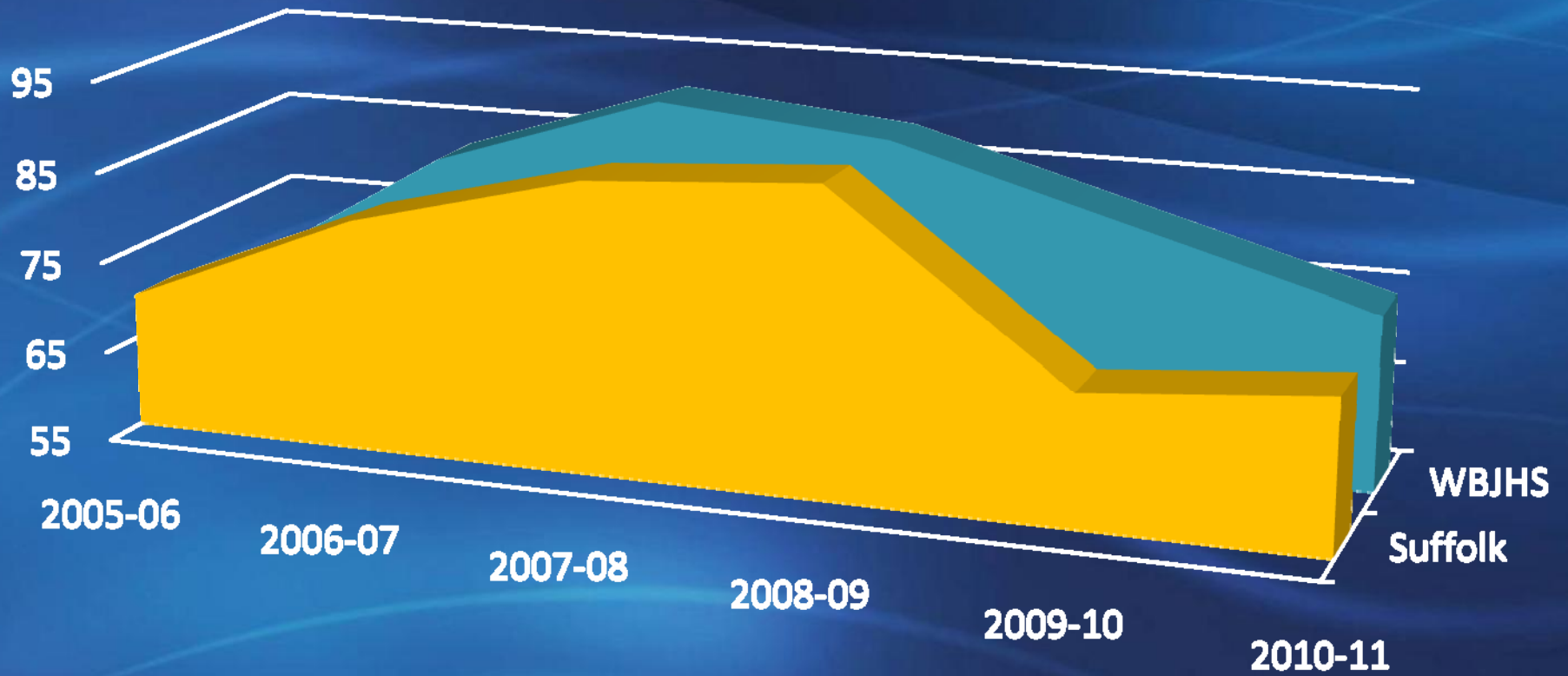
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ELA 8 PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



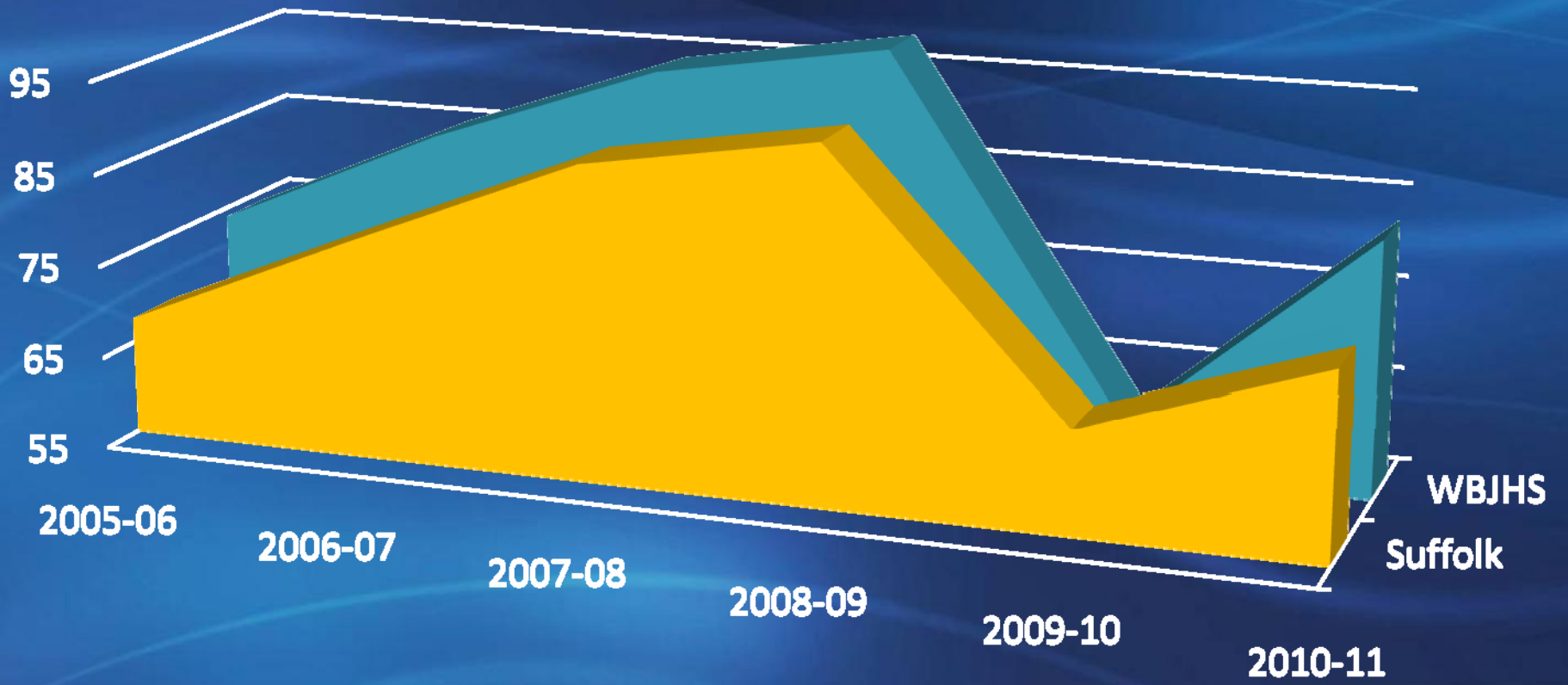
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MATH 6 - PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



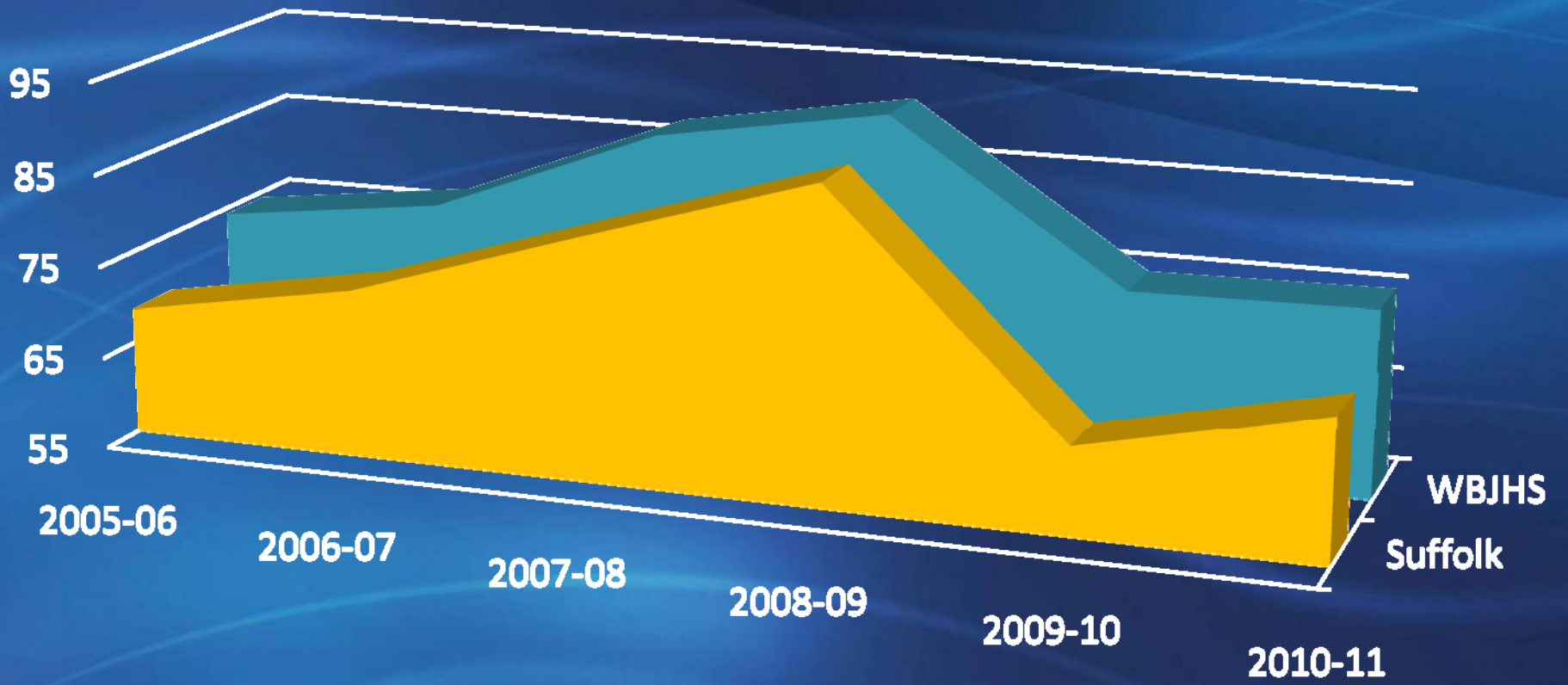
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MATH 7 PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



■ Suffolk ■ WBJHS

MATH 8 PASSING RATE COMPARISON – SUFFOLK vs. WBJHS



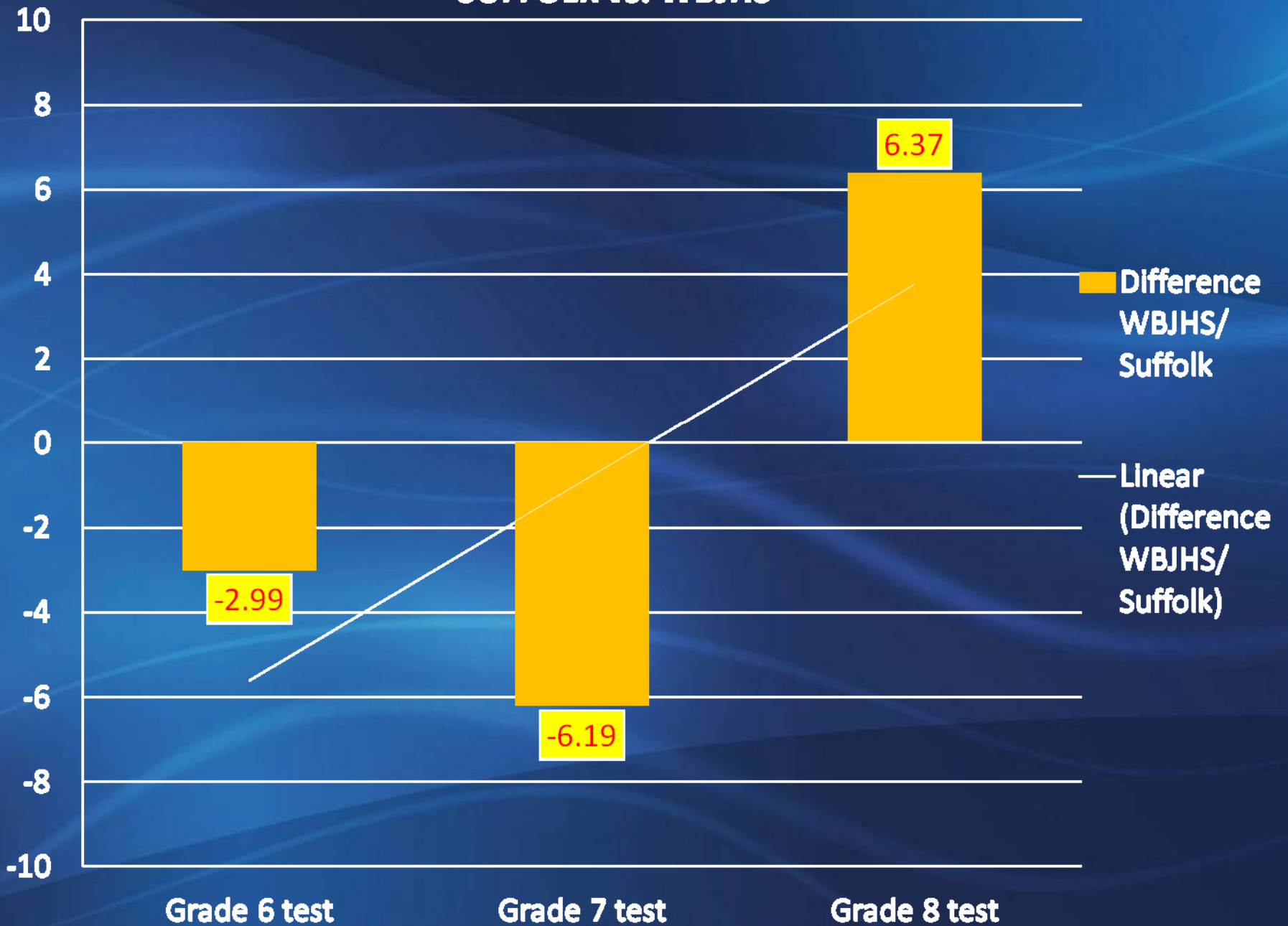
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Increased Level 4

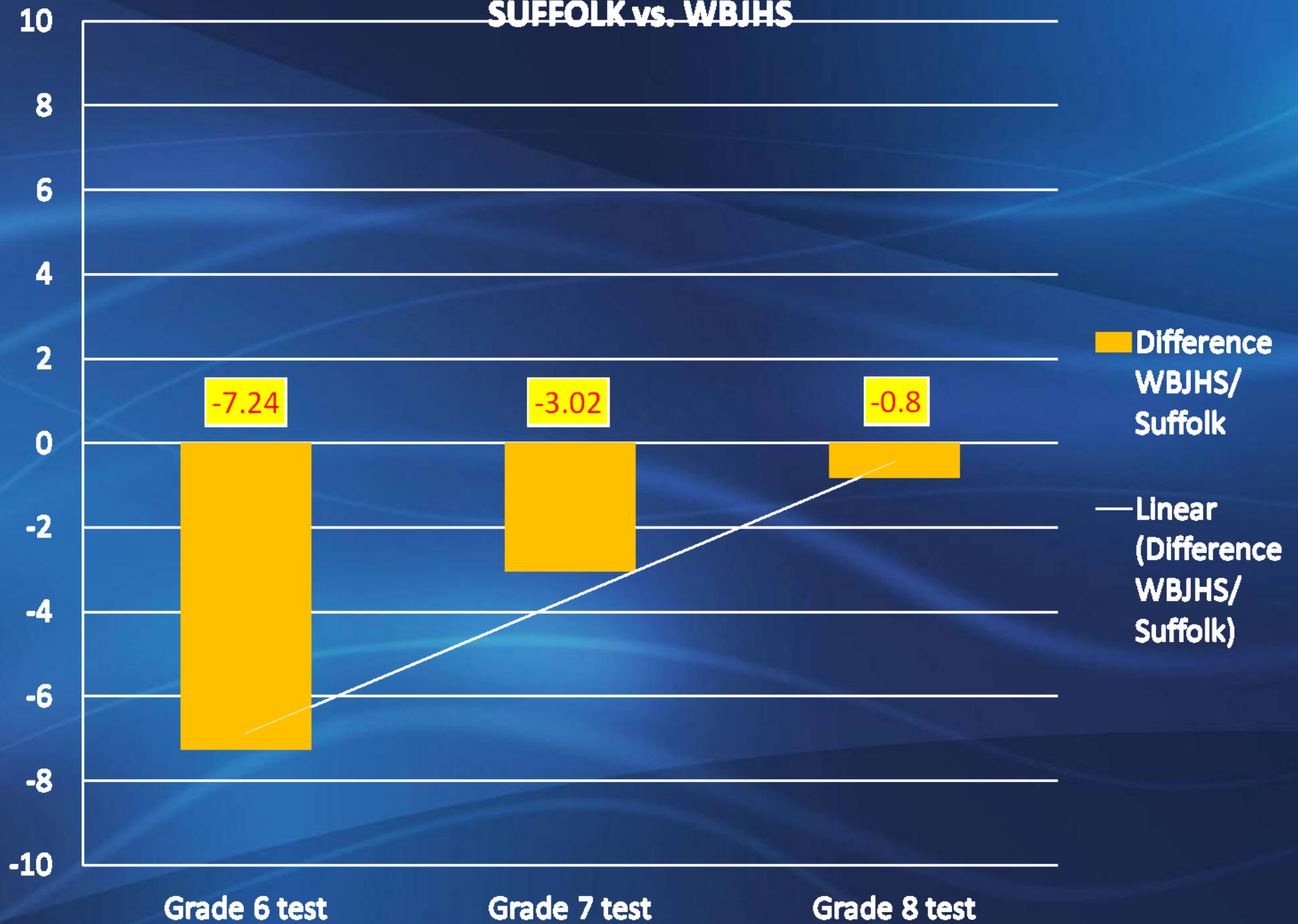
- Level 3 to 4 student achievement



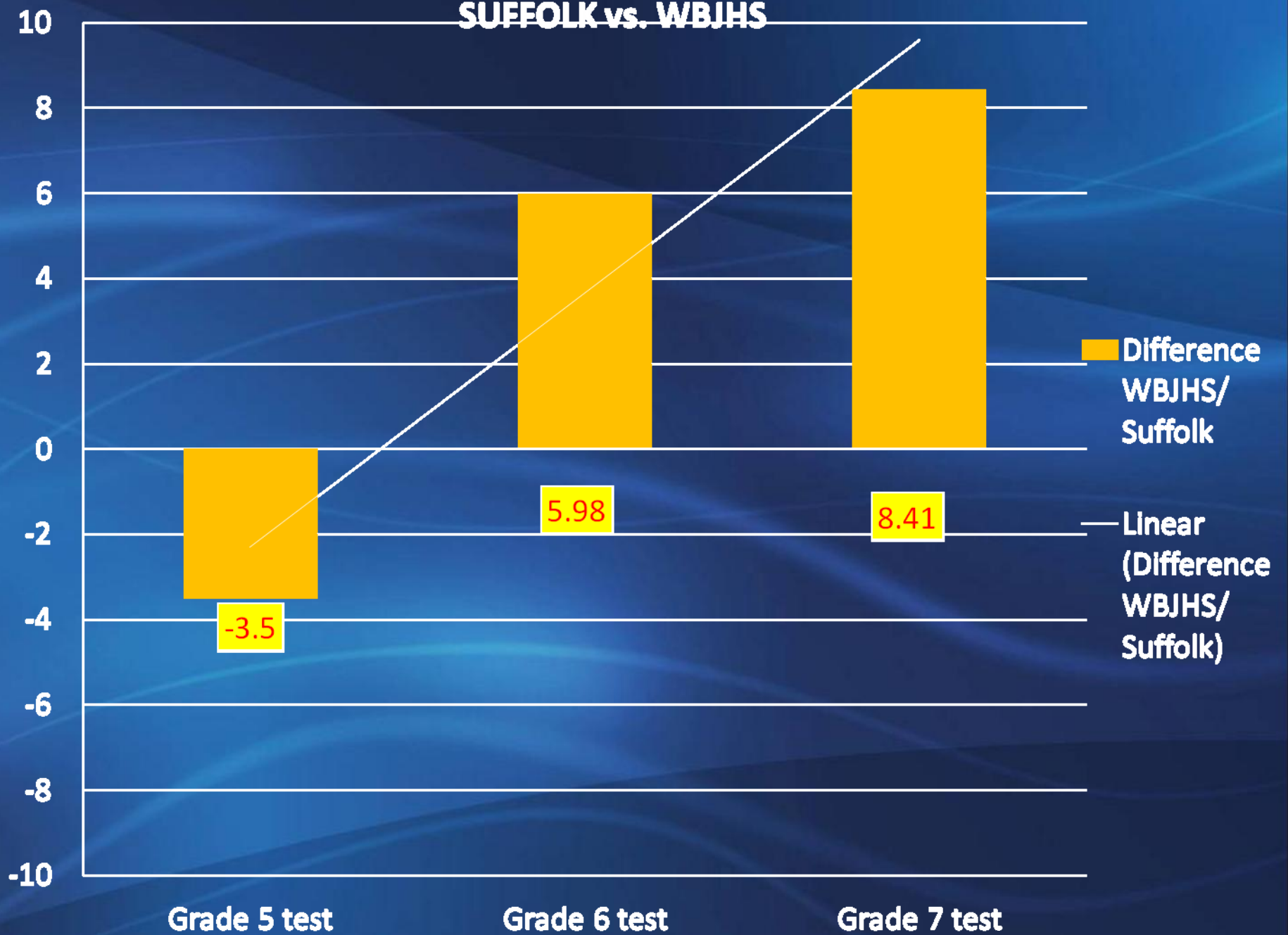
MATH LEVEL 4 % DIFFERENCE GRADE 8 10-11 COHORT – SUFFOLK vs. WBJHS



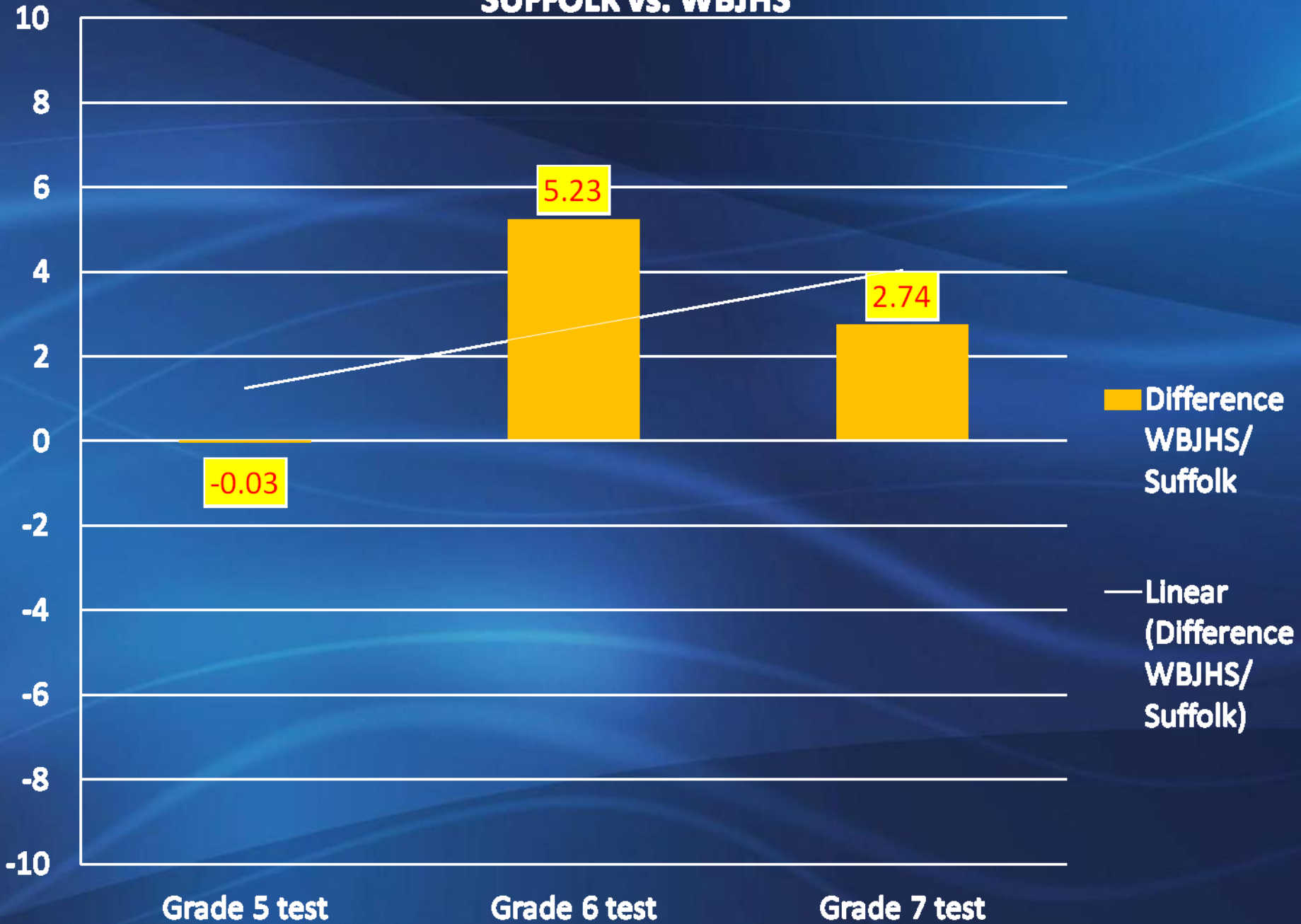
ELA LEVEL 4 % DIFFERENCE GRADE 8 10-11 COHORT – SUFFOLK vs. WBJHS



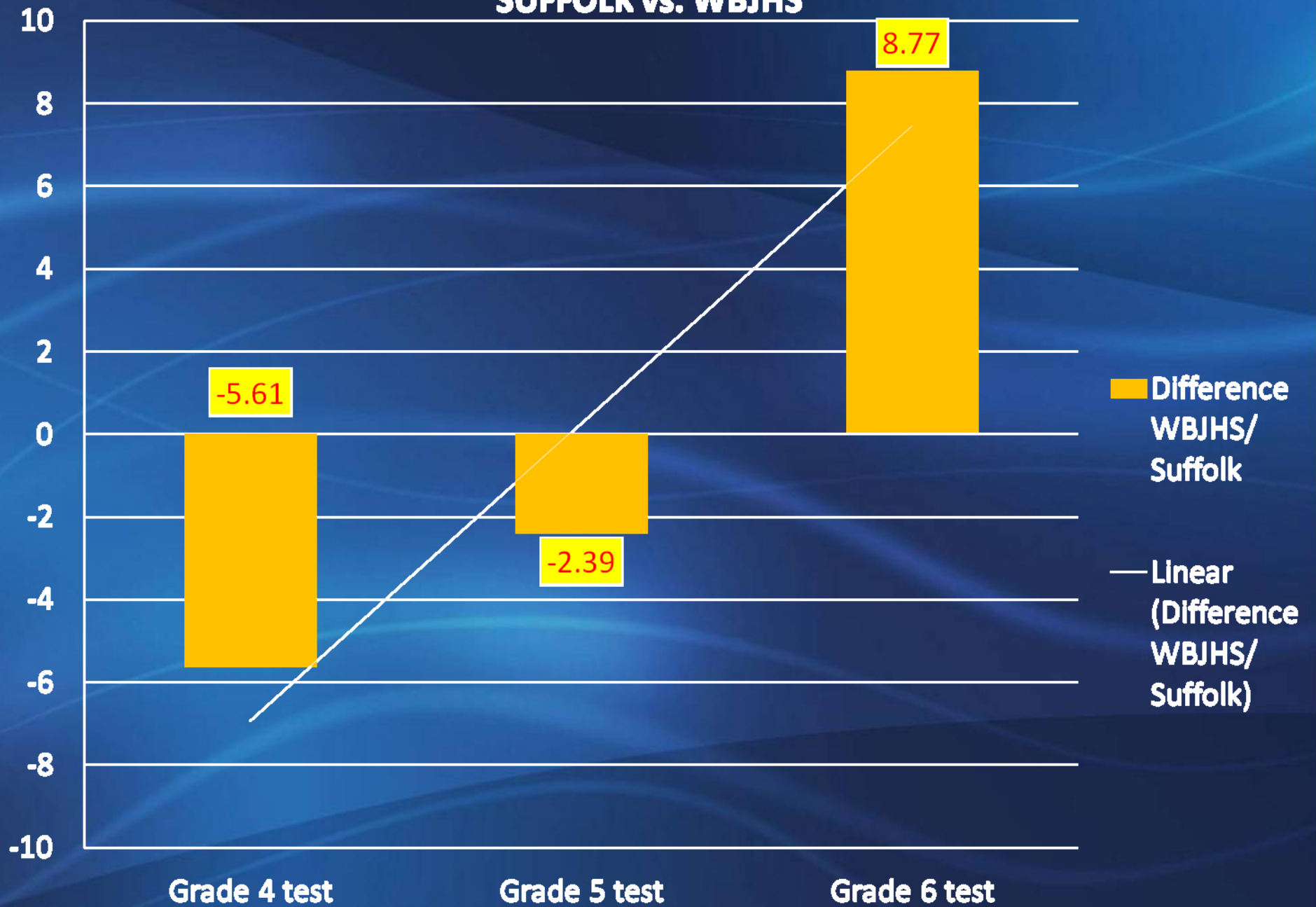
MATH LEVEL 4 % DIFFERENCE GRADE 7 10-11 COHORT – SUFFOLK vs. WBJHS



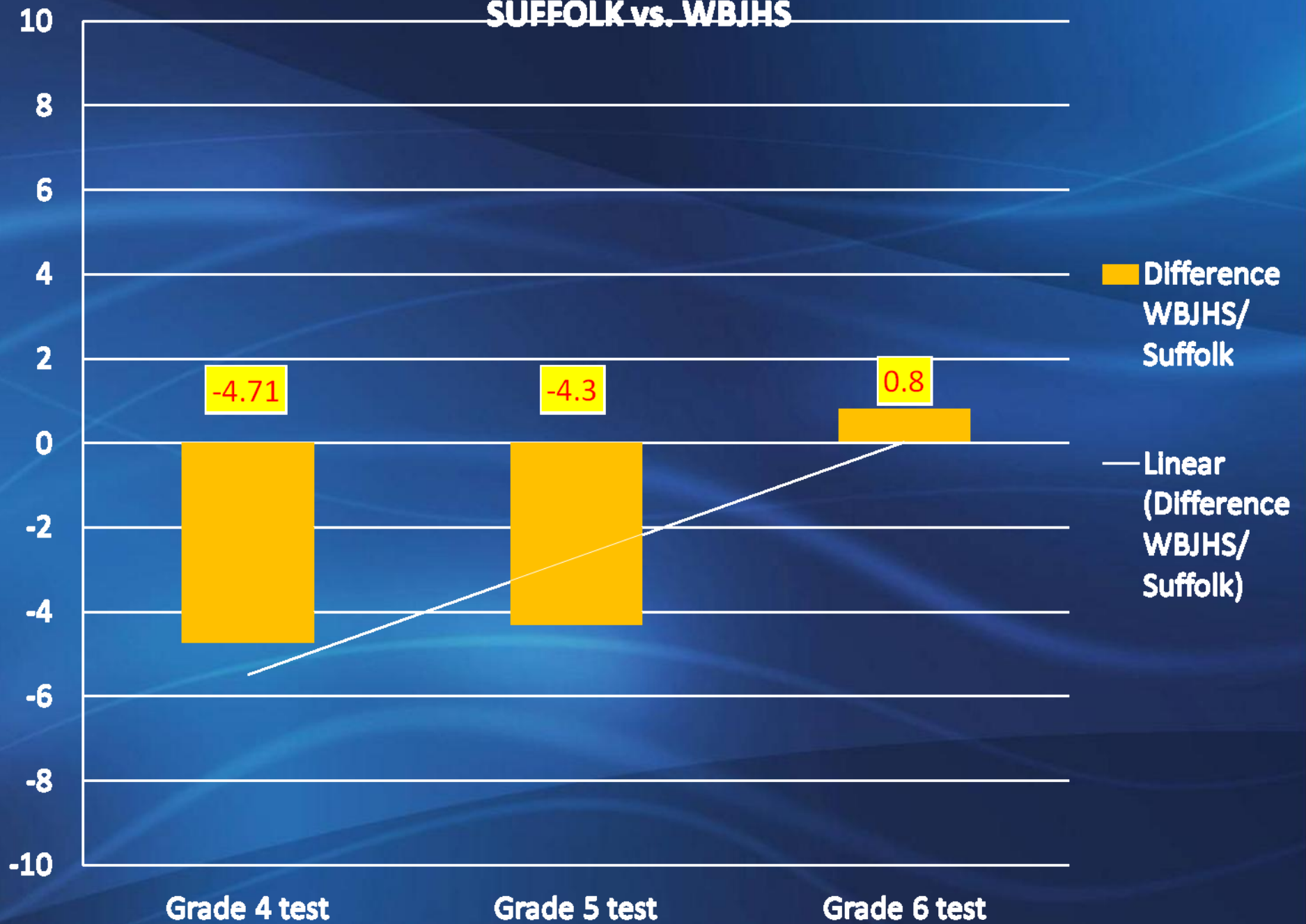
ELA LEVEL 4 % DIFFERENCE GRADE 7 10-11 COHORT – SUFFOLK vs. WBJHS



MATH LEVEL 4 % DIFFERENCE GRADE 6 10-11 COHORT – SUFFOLK vs. WBJHS



ELA LEVEL 4 SCORE % DIFFERENCE GRADE 6 10-11 COHORT SUFFOLK vs. WBJHS



Curricular Benefits to Students

- Curricular Advantages:
 - CCR- College and Career Readiness
 - CCLS- Common Core Learning Standards
 - 21st Century Skills
 - Enrichment (ELO/Honors)
 - Individualized Instruction (NYS Assessments)
 - Lab Rotations (Additional Time)
 - Interdisciplinary Approach

Curricular Benefits to Students



- College and Career Readiness refers to content knowledge in Math and English, including oral and written communications, teamwork, critical thinking and problem solving.

Curricular Benefits to Students



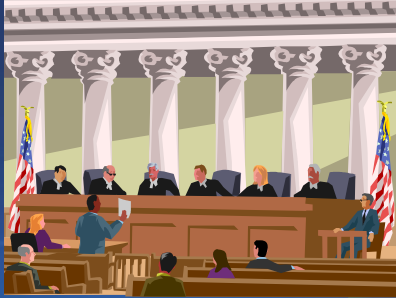
The little treat inside this bag,
is a sample of the fun we've had.
We've learned to sew, and cook and share,
along with how to keep things fair.
Healthy cooking we now know,
will help to make our bodies grow.
Life skills teaches useful things,
which prepare us for what life brings.
We wish you Happy Holidays.....
And thank you for our Life Skills days.



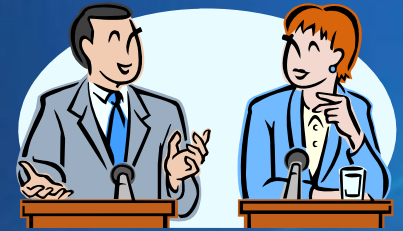
Curricular Benefits to Students



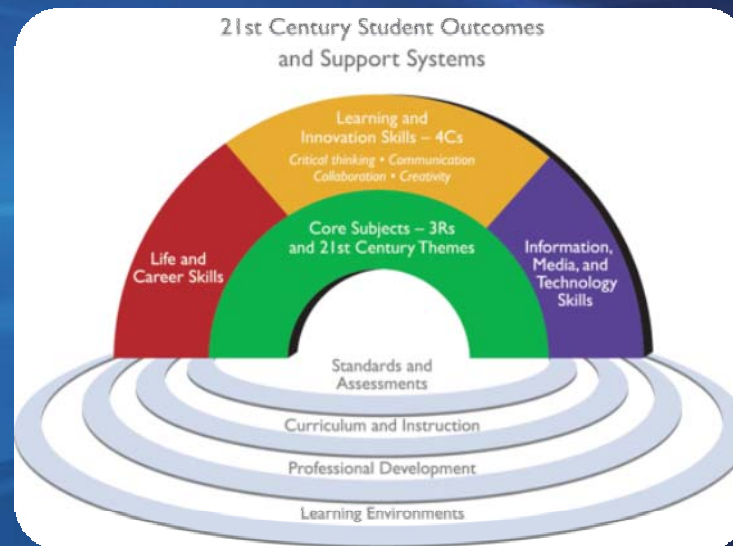
- The CCLS's stress not only procedural skill but also conceptual understanding. This ensures students are learning and absorbing the critical information they need to succeed at higher levels. The additional “academy” period allows for additional time and practice with these important skills.



Curricular Benefits to Students



- Lab class promotes enrichment and inspires creativity, critical thinking, collaboration, communication, problem solving and current events so they are ready for tomorrow's world.



Curricular Benefits to Students



- Different Stratified Lab Classes promote individualized education where classes allow for fluent movement to focus on specific strengths and weakness to prepare students for the NYS Assessments.

Curricular Benefits to Students

ENRICHMENT/HONORS:

- ELO provides imaginative and exciting content enrichment beyond the curriculum

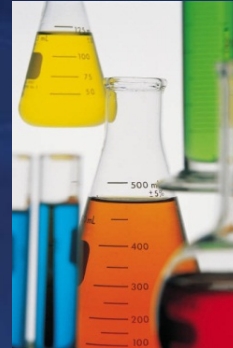


Curricular Benefits to Students

- Eight-day lab rotation allows additional instructional time in **all** academic subjects.



Curricular Benefits to Students



- *Pumerantz & Galanto* find that interdisciplinary teaching allows for students to “*proceed at a pace commensurate with their interests, skills, and experiences*” (2010)
- WBJHS Lab class creates an interdisciplinary approach to instruction which provides deeper understanding in all subjects

Well-Being Benefits to Students

Transitions

Meaningful
Participation

Learning
Communities

Discipline

Attendance



Well-Being Benefits to Students

Meaningful
Participation



- Meaningful participation occurs when all of the students feel valued, respected, not judged, and accepted.
- Research shows that if there is a positive and supportive communication environment, students will contribute their ideas and not feel stressed about being called upon without volunteering.

Well-Being Benefits to Students

Cluster/Team experience



Learning
Communities

- Clusters and Teams allow parents, students and teachers to be part of a “family unit” and learn in an environment that fosters support for everyone.

Well-Being Benefits to Students



Transitions

- **5th to 6th grade** – The transition to middle school can be challenging for students with several teachers, each with his or her own teaching style and expectations
- **8th to 9th grade** - It is important to have a deep monitoring system that will both diagnose why students are struggling and address the instructional needs of students and prepare for rigorous high school work

Well-Being Benefits to Students



Attendance

- Research shows that smaller academic *teams-within-a-school* make education more meaningful for students and produce positive effects on attendance, discipline, and academic performance.
- The JHS attendance has improved overall from **95.6% to 96.8%** since the implementation of the 9 period day.

Well-Being Benefits to Students

*“Just **fifteen** minutes of recess
a day results in fewer
discipline referrals”*

—American Association of Child’s Right to Play



Discipline

- Outdoor time builds strong bodies and imaginative minds. Children who have daily outdoor time are better behaved and better able to focus on learning. They are more physically active and maintain a healthier weight.

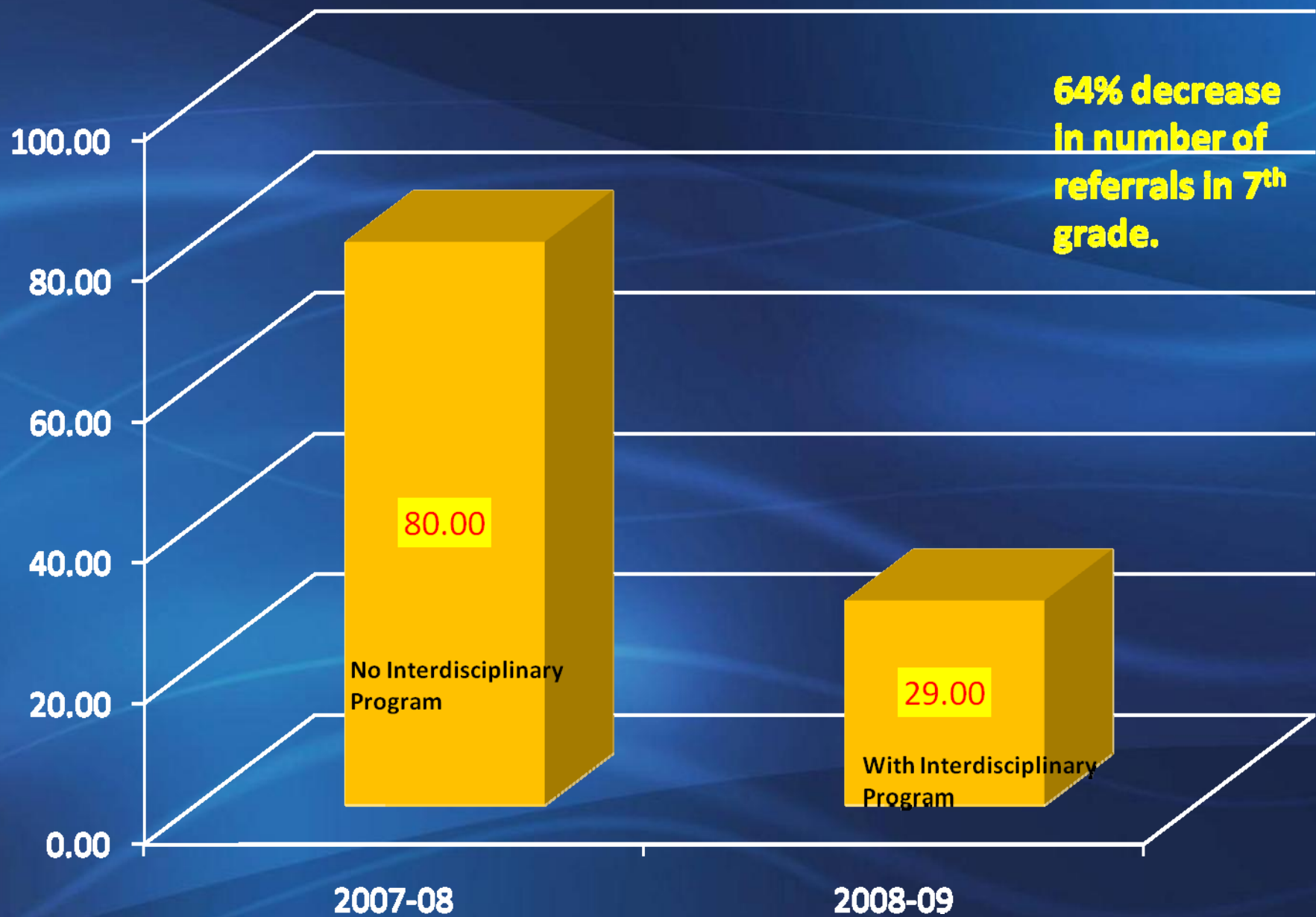
Well-Being Benefits to Students



Discipline

- Overall, disciplinary referrals have averaged a 7% decline per year since the inception of the 9 period day.
- We also took a look at the change in referrals from an interdisciplinary based program in 7th grade to 8th grade.

Effects of Interdisciplinary Approach 7th Grade



TOTAL REFERRALS: CLASS OF 2010
Sept. – Dec. (From 7th grade with teaming to 8th grade without
Interdisciplinary Program)

100
90
80
70
60
50
40
30
20
10
0

203%
increase
from Grade 7
to Grade 8
SAME
STUDENTS

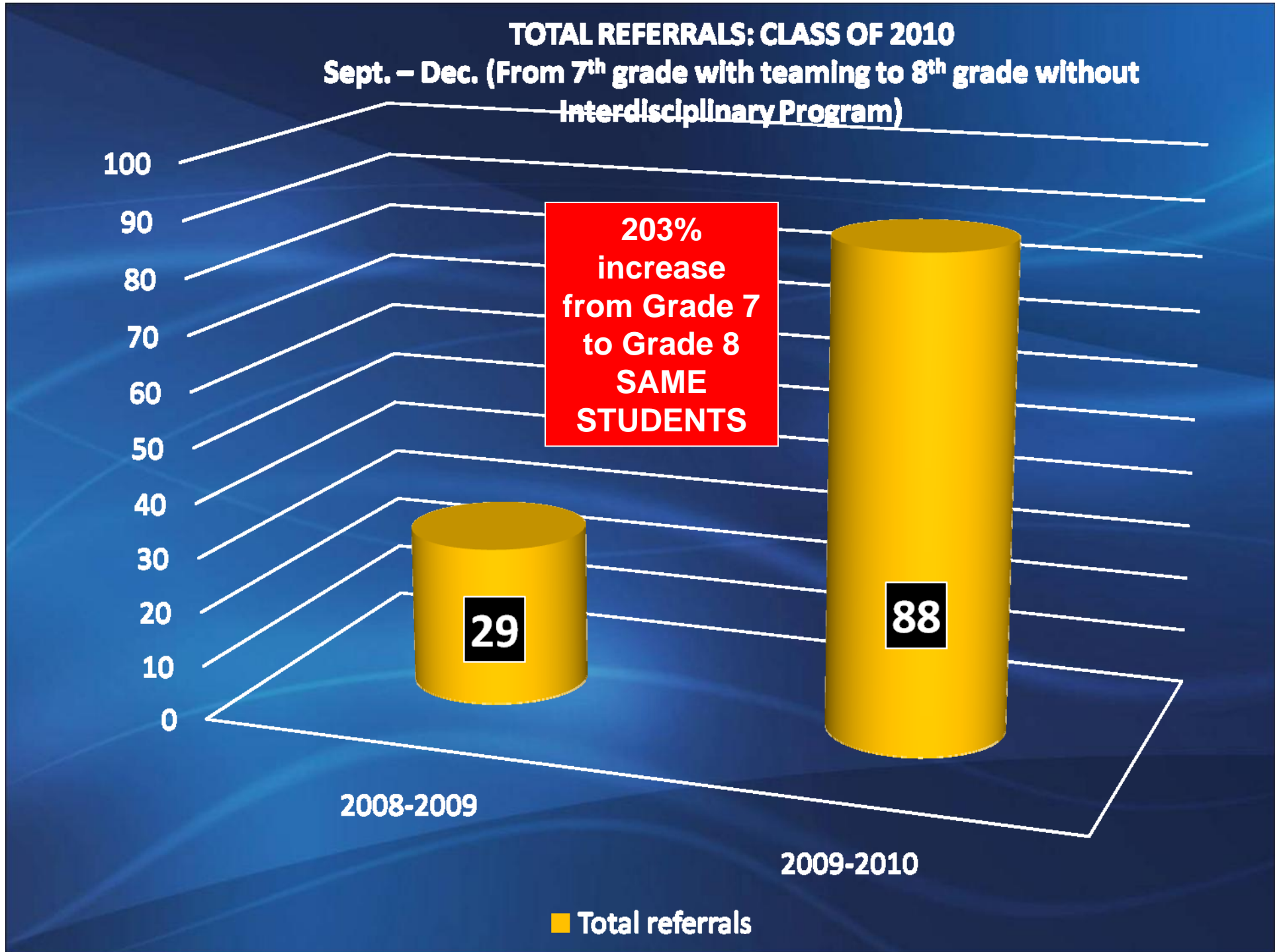
29

88

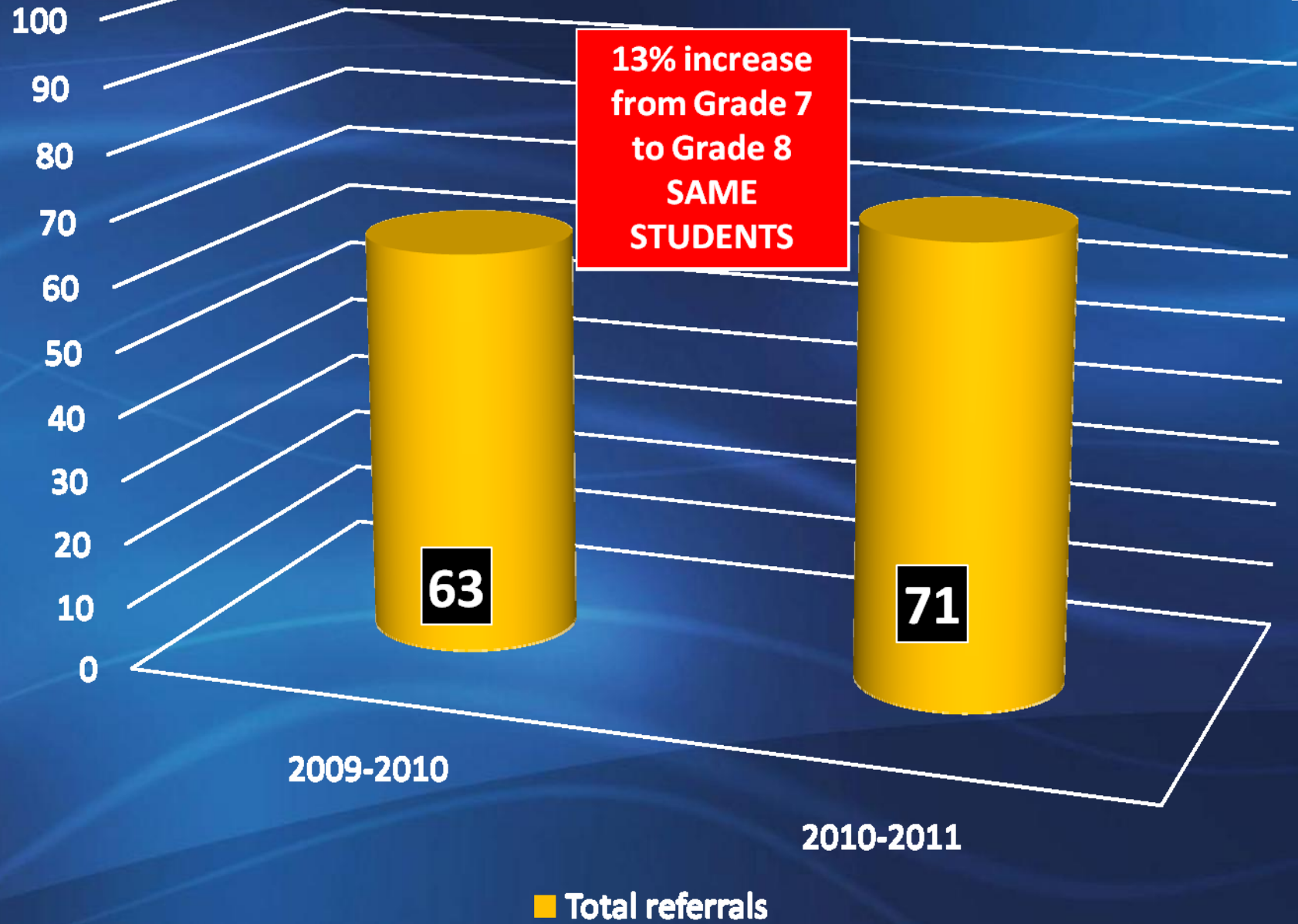
2008-2009

2009-2010

■ Total referrals

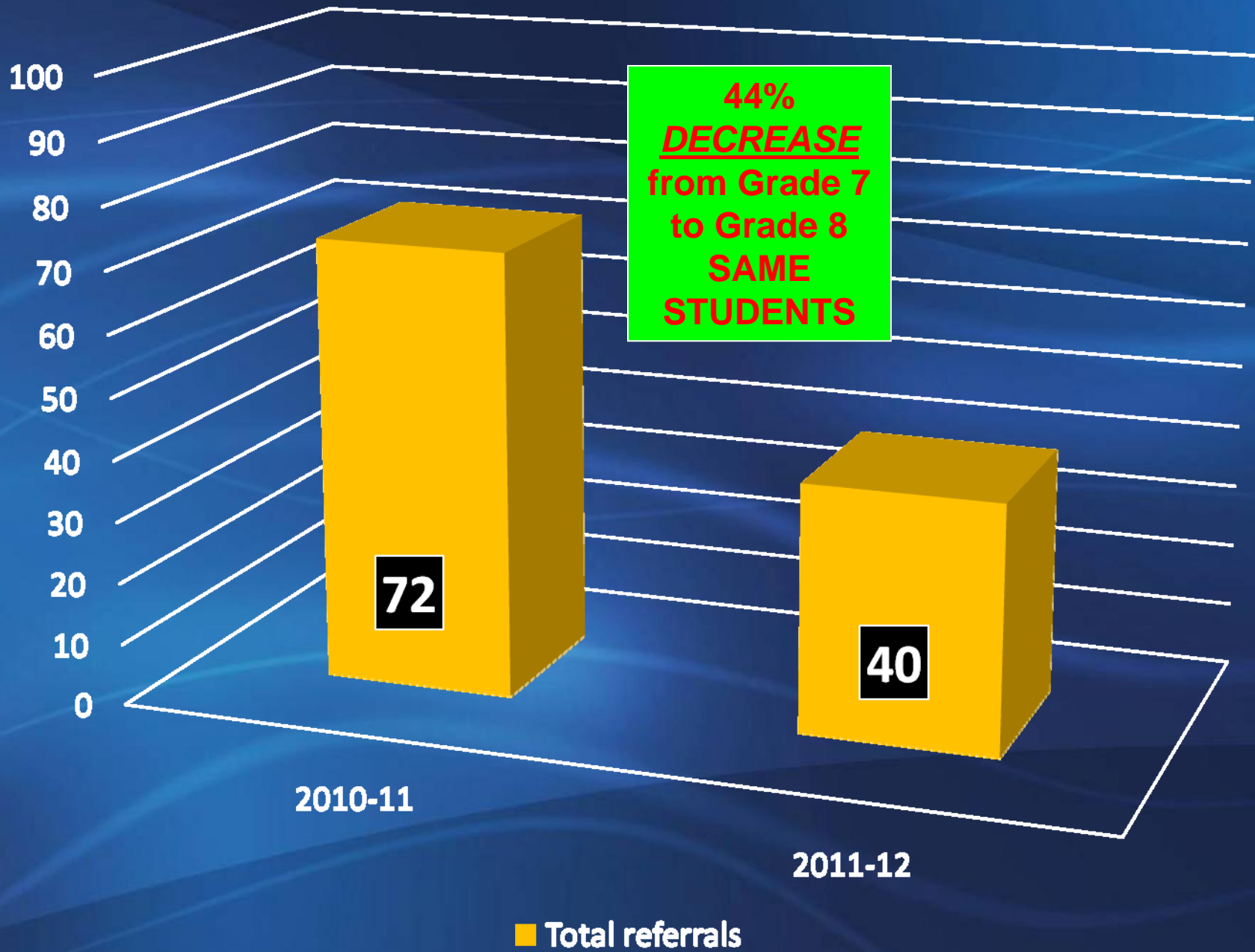


TOTAL REFERRALS: CLASS OF 2011
Sept. – Dec. (From 7th grade with teaming to 8th grade without Interdisciplinary Program)



TOTAL REFERRALS: CLASS OF 2012

Sept. – Dec. (From Teaming to an 8th grade Interdisciplinary Program)



Benefits of the Arts in Education

“The arts, perhaps more than any other subject, prepare young people with creativity and innovative thinking.”

-Arne Duncan (2011)

The arts allow students to demonstrate creativity and self-expression, both of which are difficult to assess using traditional quantitative testing models.

Multiple studies reported that students who are involved in the arts:

- Demonstrate better auditory and visual recognition skills
- Perform higher on SAT exams
- Have better grades overall than non-arts students
- Demonstrate improved cognitive development
- Are more involved in after school activities
- Improve their attitude towards school and are less likely to drop out
- Watch fewer hours of television
- Have a higher self-esteem
- Are more involved in community service activities

Student Services

Benefits to Students

Academic Lab

Academic lab provides Special Education Students in Self-Contained, Inclusion, & Resource Room Programs and additional support period to work on skills and areas of weakness.

- The additional work period provides time for staff to address differentiation of instruction, especially for special education students

During these periods, teachers are able to further their use of data to hone in on additional skills that special education students need to be successful in the mainstream classroom.

Student Services

Benefits to Students

Achievements of students

- As a result of these academic lab periods, during the 2010-2011 school year the West Babylon JHS ranked number one in the town of Babylon in:
 - Grade 7 – ELA**
 - Grade 7 – Math**

Student Services

Benefits to Students

Other Benefits to Special Education Students

- Students in Special Education currently are able to take special classes such as Art, Music, Home & Careers, & Technology.
- Students who struggle academically often excel in these classes.
- For example: *Often a student will receive 70's in their core academic classes, but 90's in special area classes. These 90's only help to increase a student's confidence level and success.*
- Prior to the 9 period day, many students with disabilities were unable to experience these special areas subjects in their schedule.
- The 9th period allows qualified Sp. Ed. Students to take an approved LOTE course in 8th grade.

Student Services

Benefits to Students

The Bottom Line:

- Moving to an eight period day would force Special Education students to give up an instructional period.
- This additional instructional period will become essential as we move into the CCLS and increased rigors of the NYS Assessments.
- Keeping this instructional period will greatly increase the success of students as they further their educational career.

Student Services

Benefits to Students

STARs Program:

- Ability to take more special area classes
- Expose students to art, music, home & careers, and technology to help make students more well rounded.
- Students excitement about these classes typically increases their willingness to come to and enjoy school.

Continuing Evolution of the 9th Period Day

- The 9 period day allows for increased teacher shared planning time and collaboration.
- Data Analysis- Use of shared assessments in the 9th period allows teachers to assess student learning outside of the classroom curriculum.
- Allows to implement Expanded Interdisciplinary Units throughout each grade (allows for better integration of the CCLS).
- Allows for potential increased exposure to LOTE.
- Allows for potential increased exposure to Computer Technology.

Anecdotal Lab Class Quotes*

**Project from Ms. Carrozzo's classes*

"It helps me feel more advanced in learning than everyone else."

"Lab is helpful to me because they try to make the state tests easier for me to understand. They give you steps to try and understand the questions. It also brings you up to speed with everyone. That why Lab helps me."

"Lab class is helpful because It improves the things I'm learning and it helps me understand things better...This helps me for preparing for the NY State Assessment test."

"My English lab is helpful because it helps me understand things that are hard to comprehend, by learning figurative language, how to write a proper Essay, to go back; to underline and number has helped me learn patience, hard work, and Respect for others, (don't call out unless its your turn to speak.)"

"I am in red lab. We do not see you (English teacher) much, but when we do you help a lot! If you hadn't told us to start the math fair rough draft, I would have never even thought of starting! In social studies we do some things. But when she trades with other teachers that helps us and the teachers a lot. Also when she took us to the computer lab for the math fair that helped too. I have no issues in lab. I actually love lab periods."

Thank You

