



Diamond Lake School District 76

Three Schools-One District: Fairhaven School • Diamond Lake School • West Oak Middle School

Date: July 28, 2017
From: Christopher Willeford
To: Dr. Sharma-Lewis
Re: Summer School 2017 Data

Dear Dr. Sharma-Lewis:

Below you will find the summary and data for the 2017 Diamond Lake School District 76 summer school programs held at West Oak Middle School June 12 - July 25. There were four (6) summer programs in operation during this timeframe focusing on reading, math, STEM, Spanish literacy extension, Spanish literacy intervention, Kickoff to Kindergarten, and Band. Reading/math intervention, Spanish Literacy Extension, ESY, and Kickoff to Kindergarten were four days a week from 8:00 am - 11:30 am. Band and Spanish Literacy Intervention were held in the afternoon four days a week from 12:30 - 3:00.

- Summer School Intervention: K - 7th Grade (176 students)
- Extended School Year: K - 7th grade (39 students)
- Kickoff to Kindergarten: (20 students)
- Summer STEM: Three Sessions:
 - Phun Physics: 4 students
 - Lego Robots and Programming: 6 students
 - Carnival of Chemistry: 6 students
- Summer Band: July 10- July 20:
 - 45 students; 5th - 7th grade

Program Descriptions:

Summer School: The primary focus of the summer school program is to prevent summer learning loss. Summer school is a general education program serving 176 students. Students receive instruction that builds literacy skills and application leading to stronger comprehension skills. This is the fifth year the program has been utilized. Math instruction is provided for 30 minutes a day during summer school through the use of a blended approach utilizing Mobymax, an online resource that individualizes student learning plans along with individual instruction as need with Mr. Goldberg. This is the first year Mobymax was implemented.

Mrs. Jeanette Hoffman serves as the Summer School Director.

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Extended School Year (ESY): As with summer school, ESY focuses on literacy and math but is an extension of the school year for students who have been identified with specific special needs. There were 39 students enrolled in ESY. Both TimeWarp Plus and Mobymax were utilized as well.

Summer Stem: There were three sessions, each weeks in length:

Session 1: Phun Physics - Attendees = 4

- Engineering design challenges:

- *building solar cars
- *building solar ovens (yes, cookies were baked!)
- *drop zone using a zip line concept to drop a marble onto a target
- *egg elimination - head-on collision protection device for an egg

Session 2: Lego Robots and Programming - Attendees = 6

- Build Lego robots and program them to perform specific tasks

Session 3: Carnival of Chemistry - Attendees = 6

- Learn about elements and how/why they react/combine
- Balance equations pertinent to the inquiry labs being conducted
- Inquiry labs including:
 - *density columns using only 2 substances
 - *polymers
 - *biomass
 - *dry ice
 - *baking soda rockets

Summer Band: This was the second year with summer band camp. There were 39 students who participated in the West Oak Summer Band program this year. Our focus this summer was to work on different styles of music, ranging from concert band pieces to jazz band pieces to Hollywood blockbuster hits. We tried a new style of music that included parts for students who varied in level, but still allowed them to participate in the same piece without becoming concerned that the music was too easy or too difficult. It worked really well and students were able to gauge their ability level after reviewing the parts available. At the end of the summer program, the students performed a concert in the West Oak gym for friends and family, and the students did an amazing job performing their pieces!

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Kickoff to Kindergarten:

This is the first year with Kickoff to Kindergarten. This program is to help students transition to the daily experience of being in a school environment.

Recommendations:

- Explore the possibility of expanding the summer learning opportunities to a 6-hour full day program including meals, fitness, fine arts, and STEAM/STEM for all students. Include more enrichment/extension programming in the areas of reading, math, etc. This may generate an increase in student enrollment, provide for a balance of intervention and enrichment, and maintain an academic focus for our students.
- Disseminate information to parents earlier in the school year. It is suggested that information be distributed before winter break.
- Conduct several on-going parent meetings for registration, transportation, etc.
- Continue to work with out of district agencies e.g.) The Mundelein Park District, Innovation Learning, etc., to provide various opportunities for students.

| Reading | | | | | | | | | | | | |
|----------------------|------|------|--------|-----------------|------|------|--------|------------------------|--------------------------------|------------|--------|--|
| Pre/Post Percentage: | | | | Pre/Post Scores | | | | RCT (Fluency) Pre/Post | | | | |
| Grade | Pre | Post | Growth | Grade | Pre | Post | Growth | Grade | RCT (Pre) | RCT (Post) | Growth | |
| 0 | 82.2 | 88 | 5.8 | 0 | 49.3 | 52.8 | 3.5 | 0 | Kindergarten does not take RCT | | | |
| 1 | 77.6 | 83.5 | 5.9 | 1 | 23.3 | 25.1 | 1.8 | 1 | 27.8 | 27.5 | -0.3 | |
| 2 | 71.4 | 89.8 | 18.4 | 2 | 21.4 | 26.9 | 5.5 | 2 | 63.9 | 69.7 | 5.8 | |
| 3 | 63.5 | 80.4 | 16.9 | 3 | 19 | 24.1 | 5.1 | 3 | 66.2 | 90.6 | 24.4 | |
| 4 | 56.8 | 78 | 21.2 | 4 | 20.5 | 28.1 | 7.6 | 4 | 96.5 | 111.2 | 14.7 | |
| 5 | 59.2 | 76.4 | 17.2 | 5 | 21.3 | 27.5 | 6.2 | 5 | 97.8 | 116.6 | 18.8 | |
| 6 | 53.2 | 64.6 | 11.4 | 6 | 19.2 | 23.3 | 4.1 | 6 | 102.2 | 115.3 | 13.1 | |
| 7 | 67.5 | 77.2 | 9.7 | 7 | 24.3 | 27.8 | 3.5 | 7 | 145.4 | 163.8 | 18.4 | |

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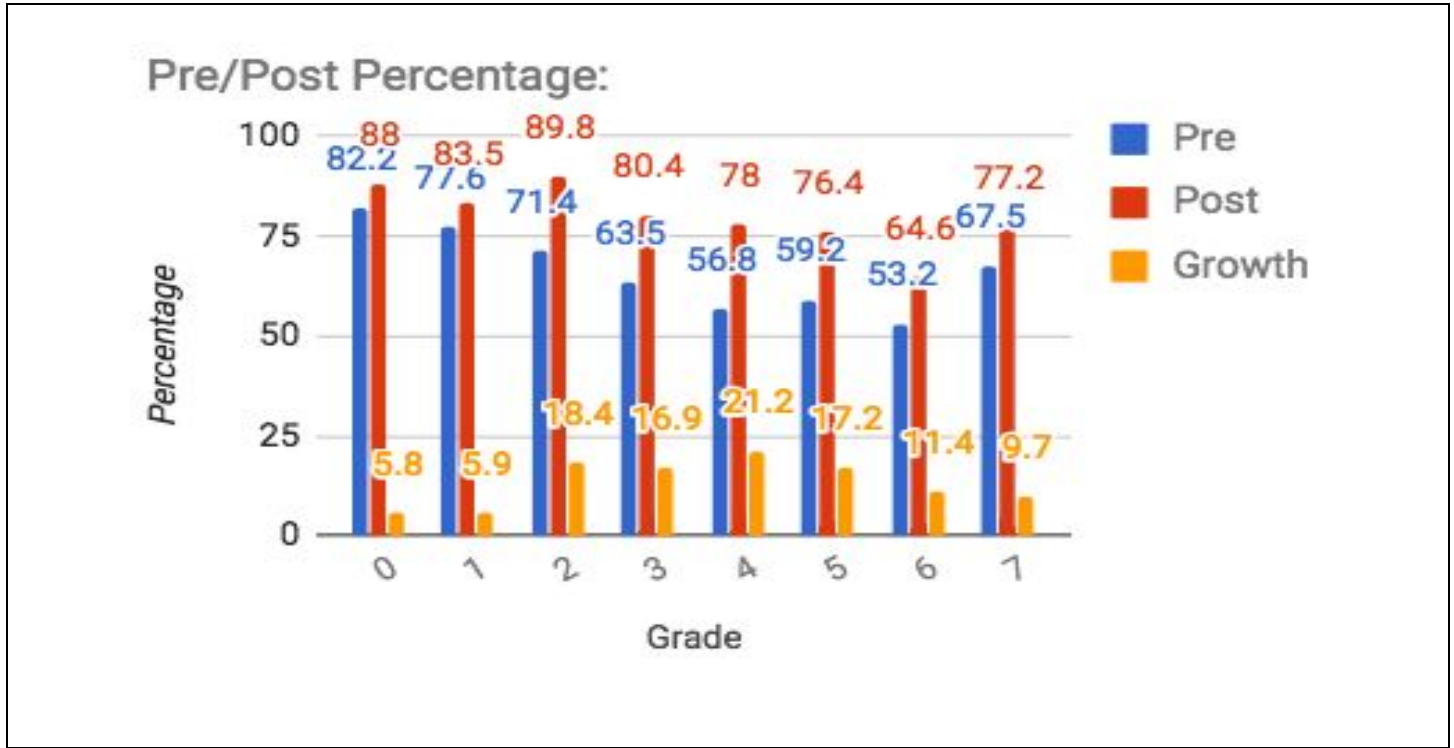
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Reading



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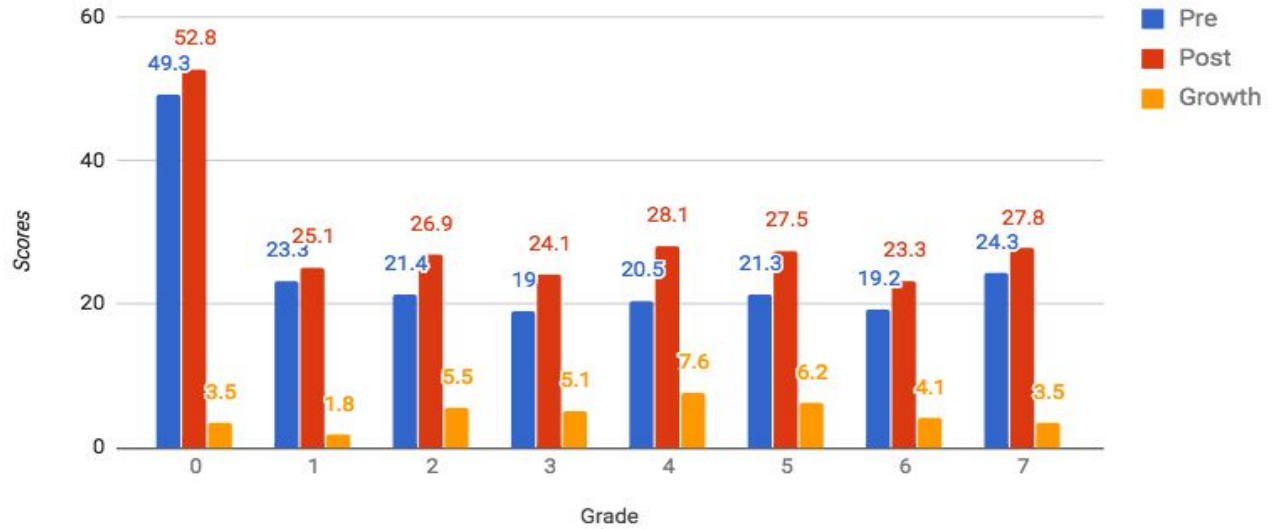
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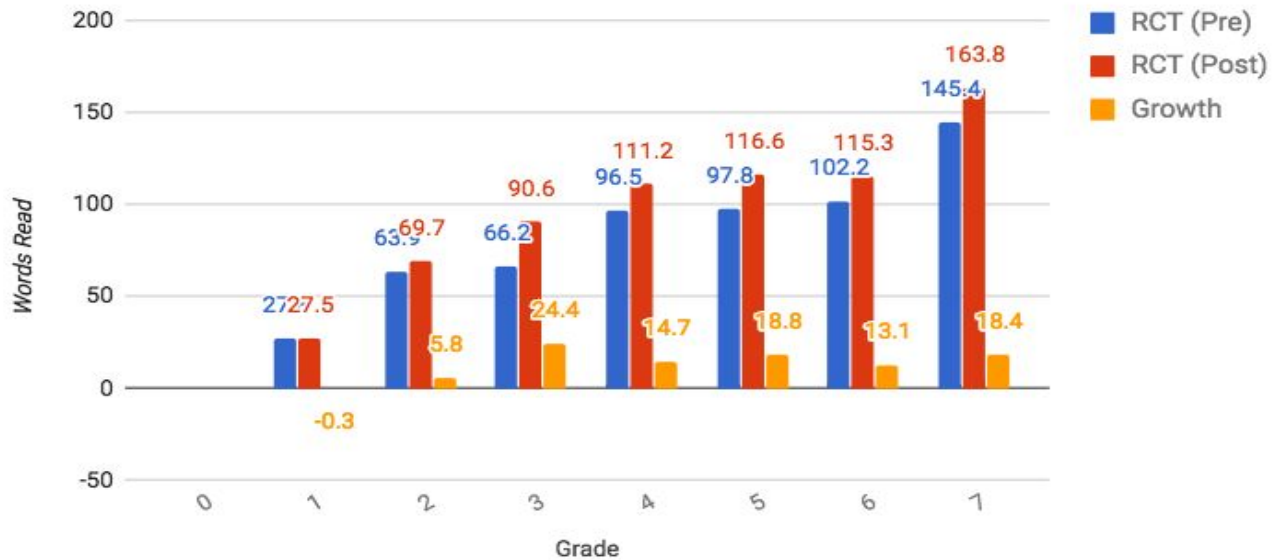
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Pre/Post Scores



RCT Reading Fluency



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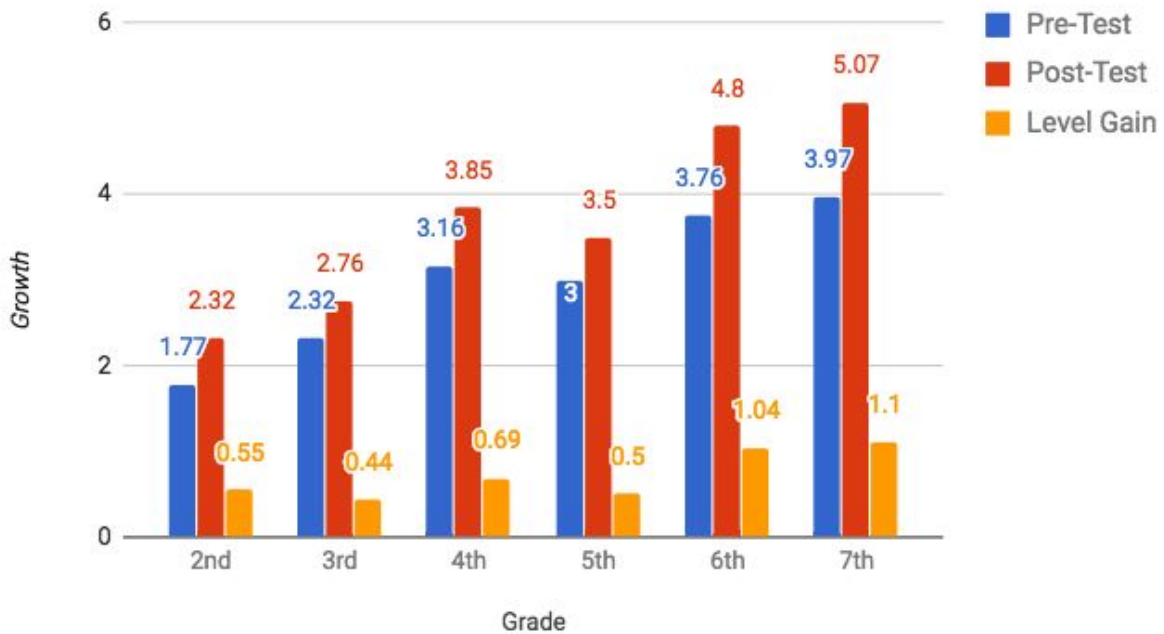
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Math

| Math | | | |
|-------|----------|-----------|------------|
| Grade | Pre-Test | Post-Test | Level Gain |
| 2nd | 1.77 | 2.32 | .55 |
| 3rd | 2.32 | 2.76 | .44 |
| 4th | 3.16 | 3.85 | .69 |
| 5th | 3.00 | 3.50 | .50 |
| 6th | 3.76 | 4.8 | 1.04 |
| 7th | 3.97 | 5.07 | 1.1 |

Mobymax is for grades 1-8. Students participated in learning activities four (4) days per week for thirty (30) minutes a day.

Math Data Summer 2017



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