

# BRINGING BACK THE FUN WHILE ADDRESSING LEARNING LOSS!

Luther Light, Ruidoso Board Member


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# HOW SERIOUS IS YOUR BOARD ABOUT STUDENT ACHIEVEMENT?

Please rate your Board on a scale of 1 – 5

NAME A SPECIFIC POSITIVE  
MEASURE OF STUDENT  
ACHIEVEMENT IN YOUR  
DISTRICT RIGHT NOW!

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NAME A SPECIFIC STUDENT  
ACHIEVEMENT MEASURE  
THAT IS A STRUGGLE IN  
YOUR DISTRICT.

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# RUIDOSO: WE IDENTIFIED K-5 MATH!

**And the Board was on board!**

## New Mexico: 21-22 EOY

- ▶ **Kinder: 38%**
- ▶ **1<sup>st</sup>: 50%**
- ▶ **2<sup>nd</sup>: 15%**
- ▶ **3<sup>rd</sup>: 23%**
- ▶ **4<sup>th</sup>: 25%**
- ▶ **5<sup>th</sup>: 31%**

## Ruidoso: 21-22 EOY

- ▶ **Kinder: 40%**
- ▶ **1<sup>st</sup>: 52%**
- ▶ **2<sup>nd</sup>: 10%**
- ▶ **3<sup>rd</sup>: 17%**
- ▶ **4<sup>th</sup>: 12%**
- ▶ **5<sup>th</sup>: 32%**

**MATH ACHIEVEMENT  
END OF YEAR (EOY): % PROFICIENT**

WHAT MIGHT BE SOME  
REASONS WE  
(RUIDOSO/NM) PERFORM  
SO POORLY IN MATH?

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## From Teachers

- ▶ **Math is hard**
- ▶ **I hate math**
- ▶ **I don't like math**
- ▶ **I can't do math**
- ▶ **Math is not important**

## From Students

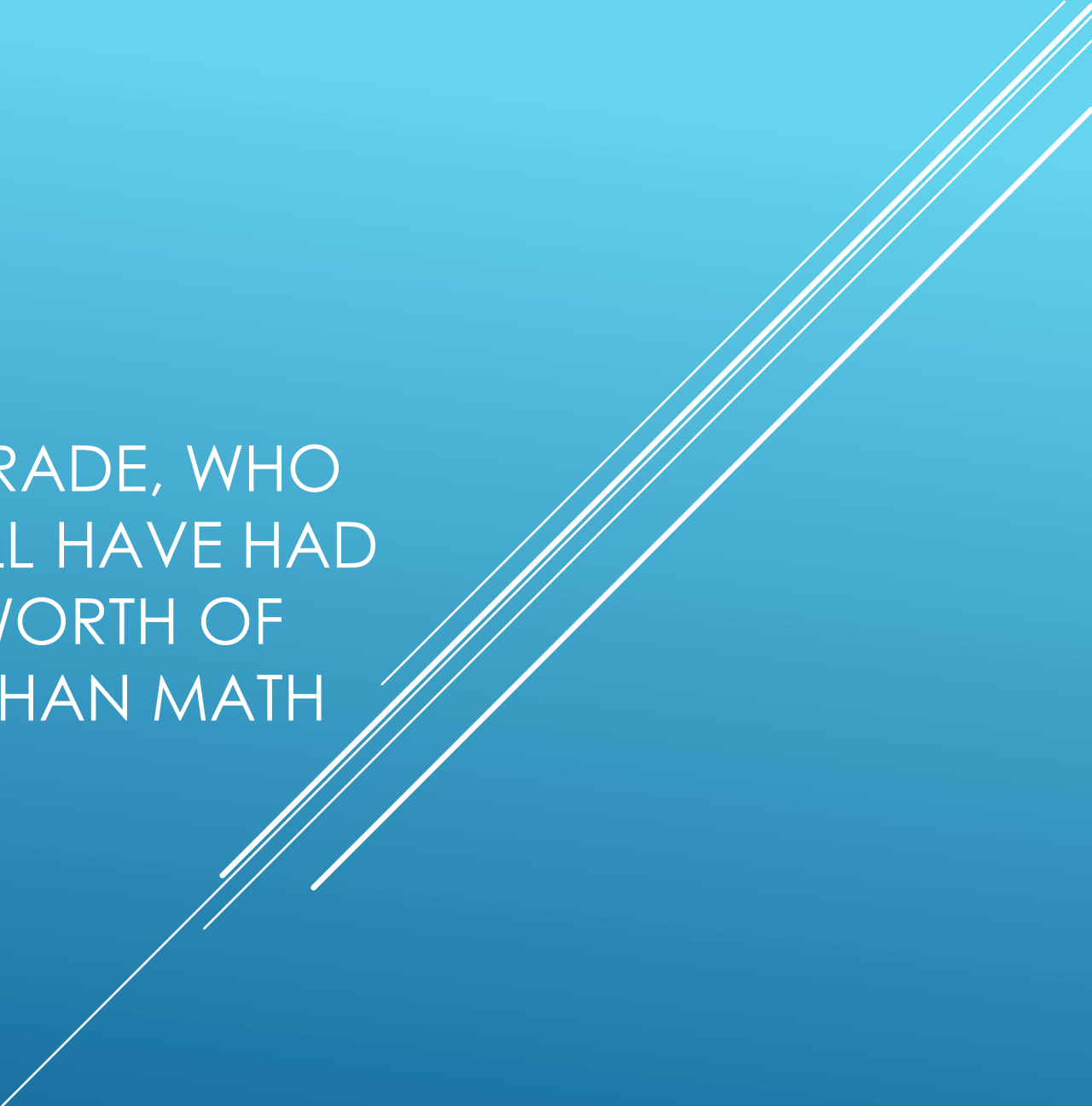
- ▶ **Math is hard**
- ▶ **I hate math**
- ▶ **I don't like math**
- ▶ **I can't do math**
- ▶ **Math is not important**
- ▶ **My teacher hates math**
- ▶ **Math isn't fun**

RESPONSES



## SIDEBAR FACT:

BASED ON PED-REQUIRED TIME  
COMMITMENTS,  
A NM STUDENT ENTERING 6<sup>TH</sup> GRADE, WHO  
STARTED IN KINDERGARTEN, WILL HAVE HAD  
AN ENTIRE YEAR'S (180 DAYS) WORTH OF  
READING INSTRUCTION MORE THAN MATH  
INSTRUCTION!

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SO, HOW COULD WE  
LITERALLY CHANGE BOTH THE  
PERCEPTION OF AND  
ACHIEVEMENT IN MATH?

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IDEAS WE KICKED AROUND:

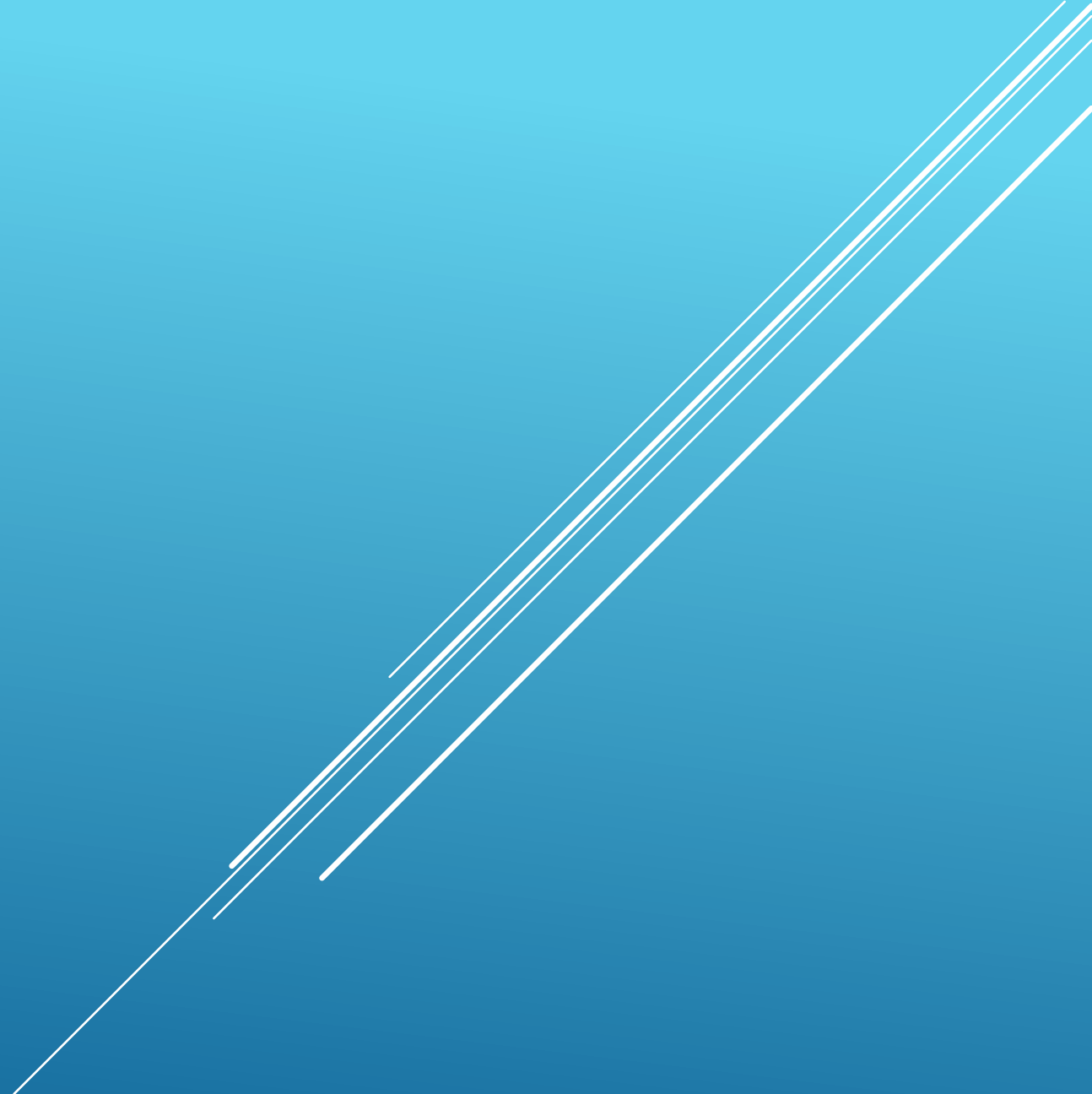
MORE INTERVENTIONS

MORE INTERVENTIONISTS

MORE TUTORING

MORE TUTORS

MORE IN-CLASS TIME FOR MATH



WHAT DO ELEMENTARY  
KIDS LOVE?

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## Kinder – 2<sup>nd</sup> Students

- ▶ P.E.
- ▶ Art
- ▶ Music
- ▶ Computers
- ▶ Library

## 3<sup>rd</sup> – 5<sup>th</sup> Students

- ▶ Lunch/recess
- ▶ P.E.
- ▶ Art
- ▶ Music
- ▶ Library
- ▶ Computers

KIDS LOVE PULL-OUTS/ELECTIVES!



CREATE A FUN MATH  
ELECTIVE/PULL-OUT CLASS!

MATH ACCELERATOR

**Thank you CARES III**

**We made a conscious, strategic decision to use  
CARES funds to help close achievement gaps.**

- ▶ Responsible for teaching SVP or WME students to enhance math skills that will help address learning loss due to COVID 19.
  - ▶ Provide standards-based instruction to students utilizing multiple resources
  - ▶ Ability to analyze data and design differentiated instruction for students.
  - ▶ Use informal/formal assessment to drive instruction
  - ▶ Work collaboratively with administrators and teachers to identify needed support for improving student math performance during core instruction
- 
- ▶ **Ensure joyful rigorous instruction is delivered to students and relevant meaningful student learning data is collected**

SOME RESPONSIBILITIES ON OUR JOB POSTING:

THE OFFICIAL INTERVIEW  
REQUIRED CANDIDATES  
TO LEAD US IN A FUN  
MATH ACTIVITY.

If a candidate didn't bring the fun, he/she didn't get the job!



## Parent

- ▶ **Do you know that teacher?**
- ▶ **What did you learn?**
- ▶ **What did you do?**
- ▶ **Do you like numbers?**

## Student

- ▶ Yes, we went to her class.
- ▶ Don't know, but we had fun.
- ▶ Drew numbers in shaving cream!
- ▶ I do now!

1<sup>ST</sup> GRADER TO PARENT WEEK 1:



SVP



**SVP**  
Mrs. Ensor  
engaging eager  
learners in her Math  
Acceleration class.  
Classes are having  
fun at Sierra Vista!!

WME



**WME**  
Ms. Nas' 5<sup>th</sup> grade  
math accelerator  
classes built free-  
standing towers  
out of paper  
towels and tape.

EXAMPLES OF OUR CLASSES

## BOY Math: Red, Yellow, Green

- ▶ Kinder: 35%, 44%, 20%
- ▶ 1<sup>st</sup>: 43%, 33%, 24%
- ▶ 2<sup>nd</sup>: 41%, 49%, 10%
- ▶ 3<sup>rd</sup>: 94%, 6%, 0%
- ▶ 4<sup>th</sup>: 78%, 19%, 3%
- ▶ 5<sup>th</sup>: 54%, 44%, 2%

## MOY Math: Red, Yellow, Green

- ▶ Kinder: 21%, 51%, 28% (+8)
- ▶ 1<sup>st</sup>: 24%, 32%, 43% (+19)
- ▶ 2<sup>nd</sup>: 41%, 45%, 16% (+6)
- ▶ 3<sup>rd</sup>: 51%, 40%, 9% (+9)
- ▶ 4<sup>th</sup>: 46%, 41%, 12% (+9)
- ▶ 5<sup>th</sup>: 40%, 29%, 31% (+29)

# EARLY RETURNS

# BRINGING THE FUN TO RUIDOSO MIDDLE SCHOOL

**3 years ago, we began the conversion of our  
keyboarding class into a STEM curriculum**



RMS STEM LAB

QUICK QUESTION:

WHAT'S THE FIRST THING THAT  
COMES TO YOUR MIND WHEN YOU  
HEAR "SUMMER SCHOOL"?

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## Summer School

- ▶ For students who failed, or are “behind” their peers.
- ▶ Curriculum is “more of the same” (more Reading, Math, and basic skills)
- ▶ Goal is to help student get “caught up”

## Expanded Learning and Fun Program (ELFP)

- ▶ For everyone
- ▶ Curriculum is based on teacher-interest and fun (Native American Studies)
- ▶ Goal is for students to have new experiences and fun (Space Camp in Alamogordo)

THE 2022 ELFP HAD 25% MORE STUDENTS PARTICIPATE THAN IN PREVIOUS YEARS' SUMMER SCHOOL PROGRAMS!



### SVP

1<sup>st</sup> through 3<sup>rd</sup>  
grade enjoying the  
Rocketeer  
Academy at Space  
Camp in  
Alamogordo



### RMS

Students in the  
Extended  
Learning and Fun  
Program planted  
wildflower seeds  
in the burn area  
around the  
building.



### WME

Learning more  
about fossils was  
just one topic  
during Space  
Camp at the New  
Mexico Museum of  
History.

ELFP PICTURES!