

# The One-Minute Invite That Changed ***EVERYTHING***



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**Lew Rhodes** · 1st

Thinking Partner for Systems Leaders

In 1990 at  
AASA Conference

*“Lee, I think you will enjoy this  
session...”*



# January 1992 Deming Conference



# Deming For All:

- Best efforts...
- Quality cannot be delegated
- Waste of time and money
- Losses from current system...
- Fear = wrong figures
- Numerical goals = failure
- Ranking = failure



**Deming  
the Statistician  
described data  
in the classroom!**



# ONE

# Tell students what they will learn.

## Key Concepts Overview - Grade 5

Concept 1: Create a place value chart with both decimals and whole numbers ranging from thousands to thousandths.

Concept 2: Multiply and divide whole numbers by powers of 10.

Concept 3: Use exponents to show powers of 10.

Concept 4: Read, write and compare decimals to the thousandths place.

Concept 5: Write decimals in expanded form.

Concept 6: Round decimals to the nearest thousandths place.

Concept 7: Divide whole numbers with two-digit divisors.

Concept 8: Add, subtract, multiply and divide decimals to hundredths.

Concept 9: Add and subtract fractions and mixed numerals without common denominators.

Concept 10: Determine if fraction problem answers are reasonable.

Concept 11: Interpret a fraction as division of the numerator by the denominator.

Concept 12: Solve fraction multiplication problems by completing an array.

Concept 13: Understand the outcome of multiplying whole numbers and decimals.

Concept 14: Create equal multiplication problems by scaling factors.

Concept 15: Solve fraction multiplication word problems with mixed numerals.

Concept 16: Divide halves, fourths, and eighths.

Concept 17: Divide a fraction by a whole number.

Concept 18: Solve division of fraction word problems.

Concept 19: Use and evaluate numerical expressions with parentheses and brackets.

(partial list)

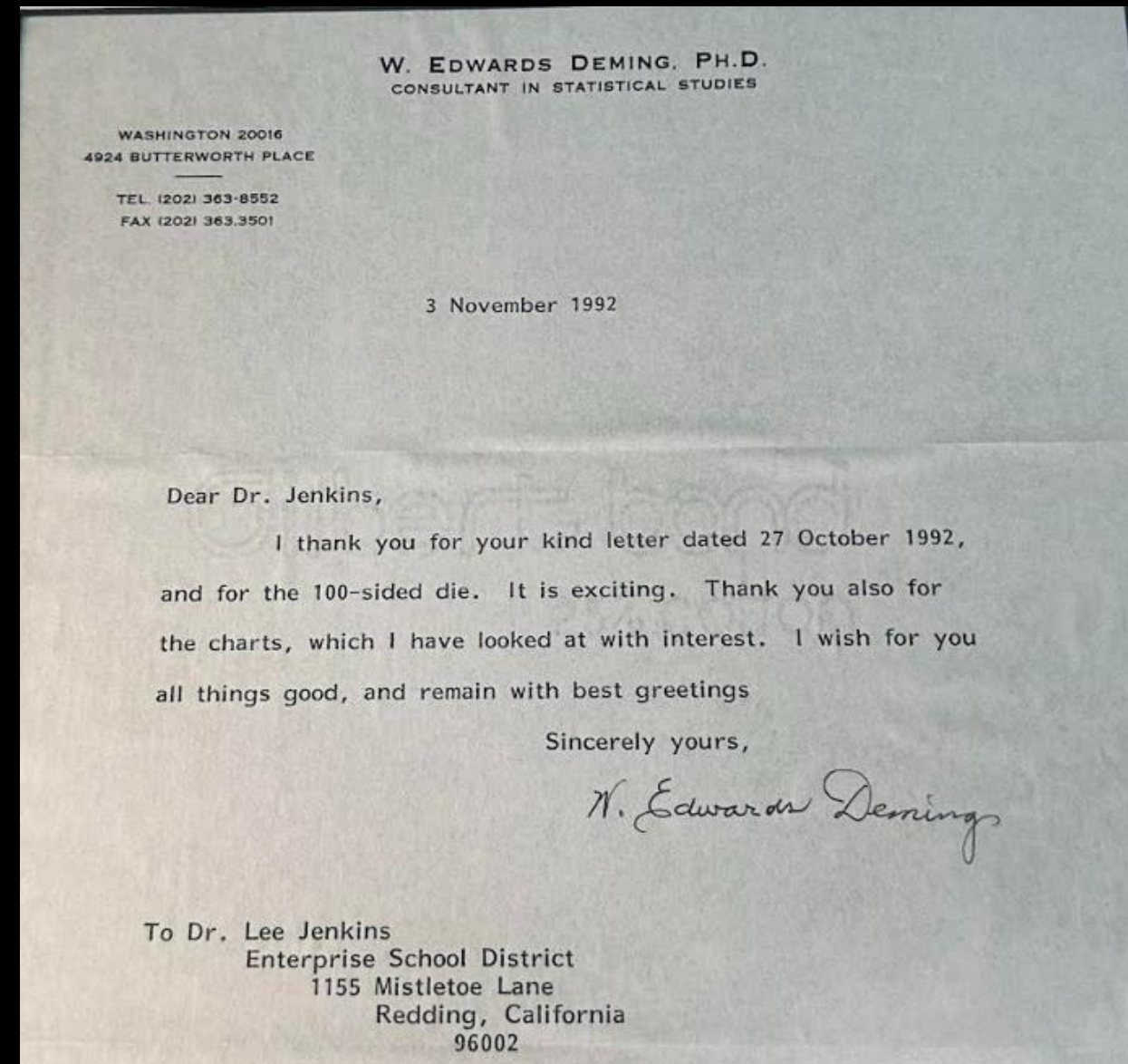
# T W O

Quiz each week on random sample  
from WHOLE course or year.

Random sample size is  
roughly the square root  
of total concept list.

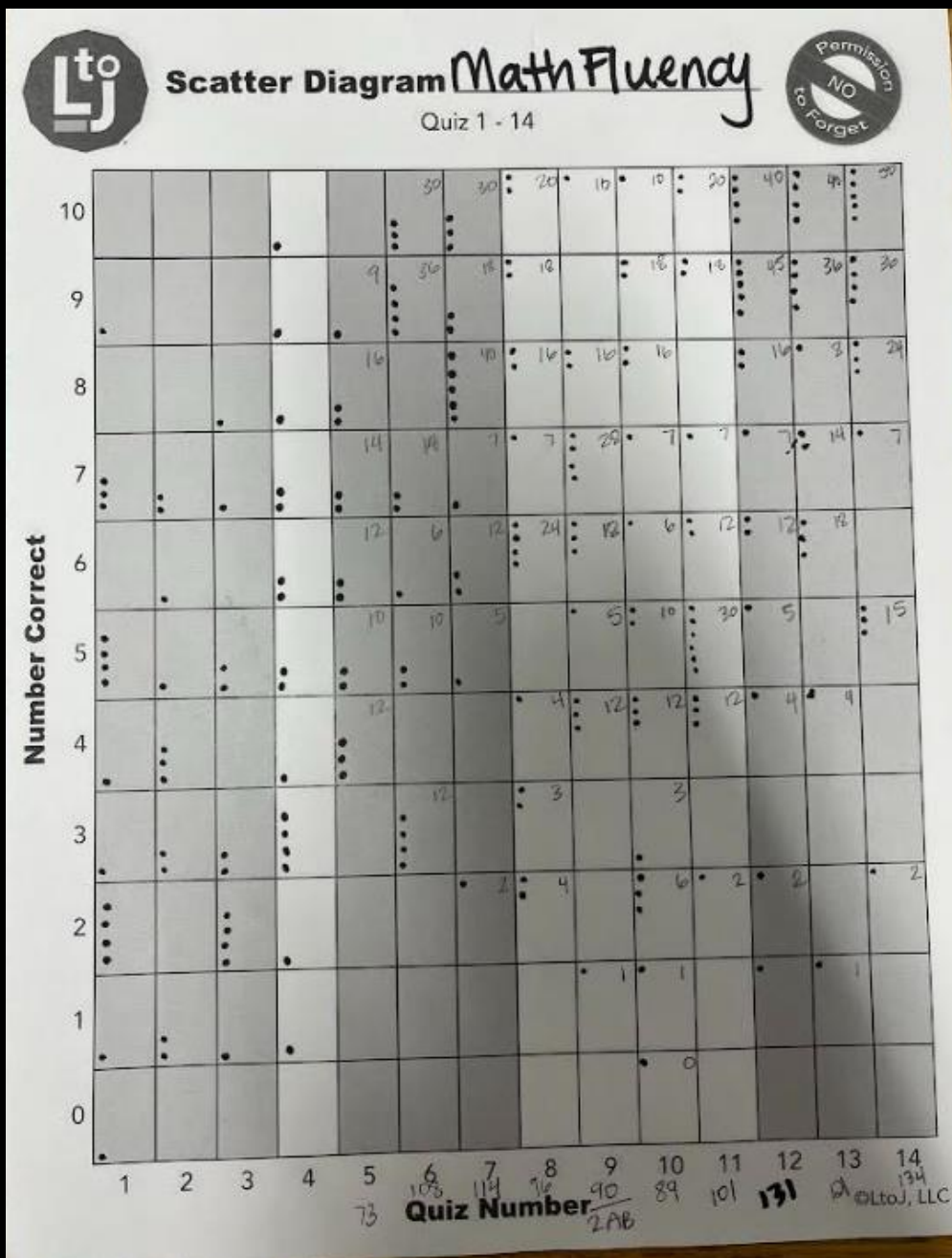
For example:

*If there are 100 key concepts for the year, quiz each week on 10 randomly selected concepts.*





# THE



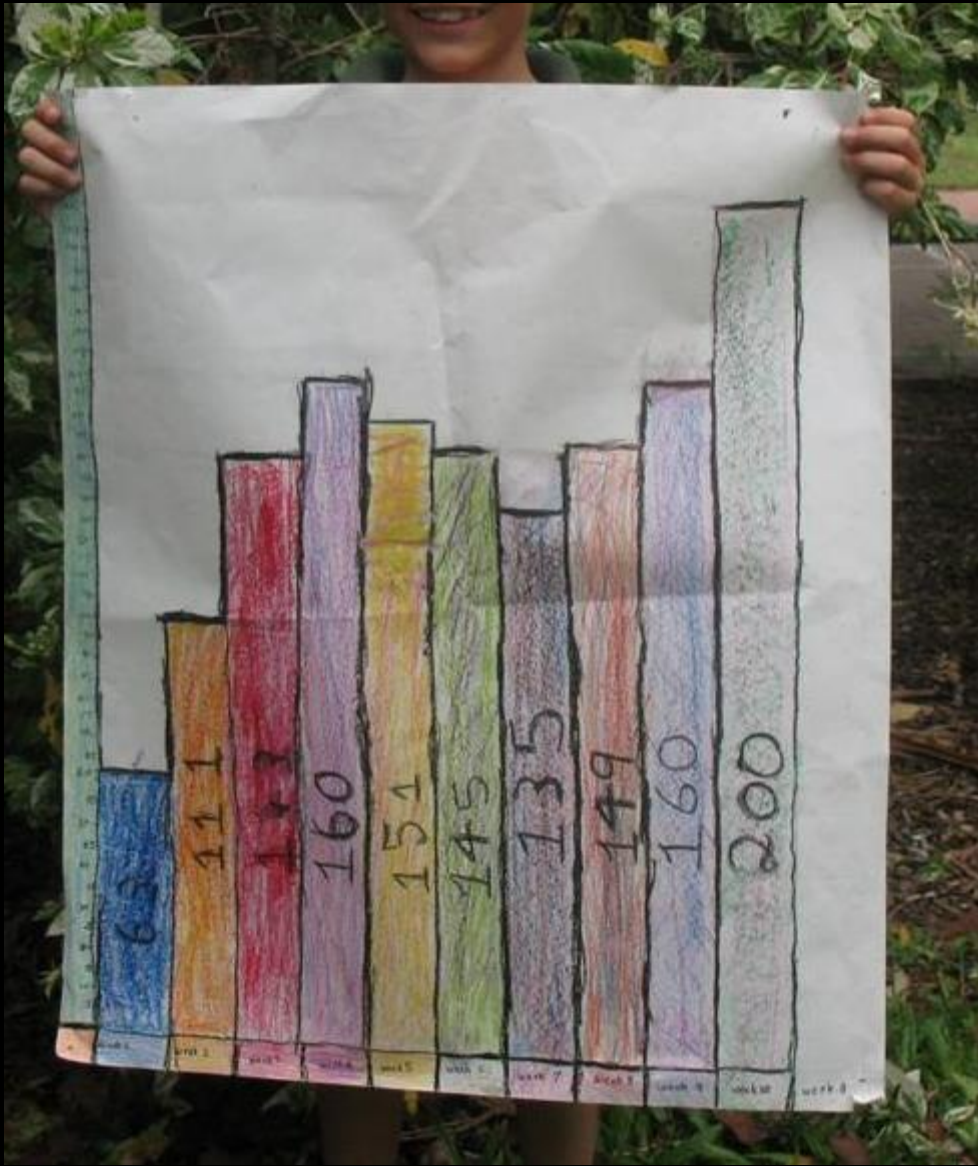
## Create Scatter Diagram

# FOR

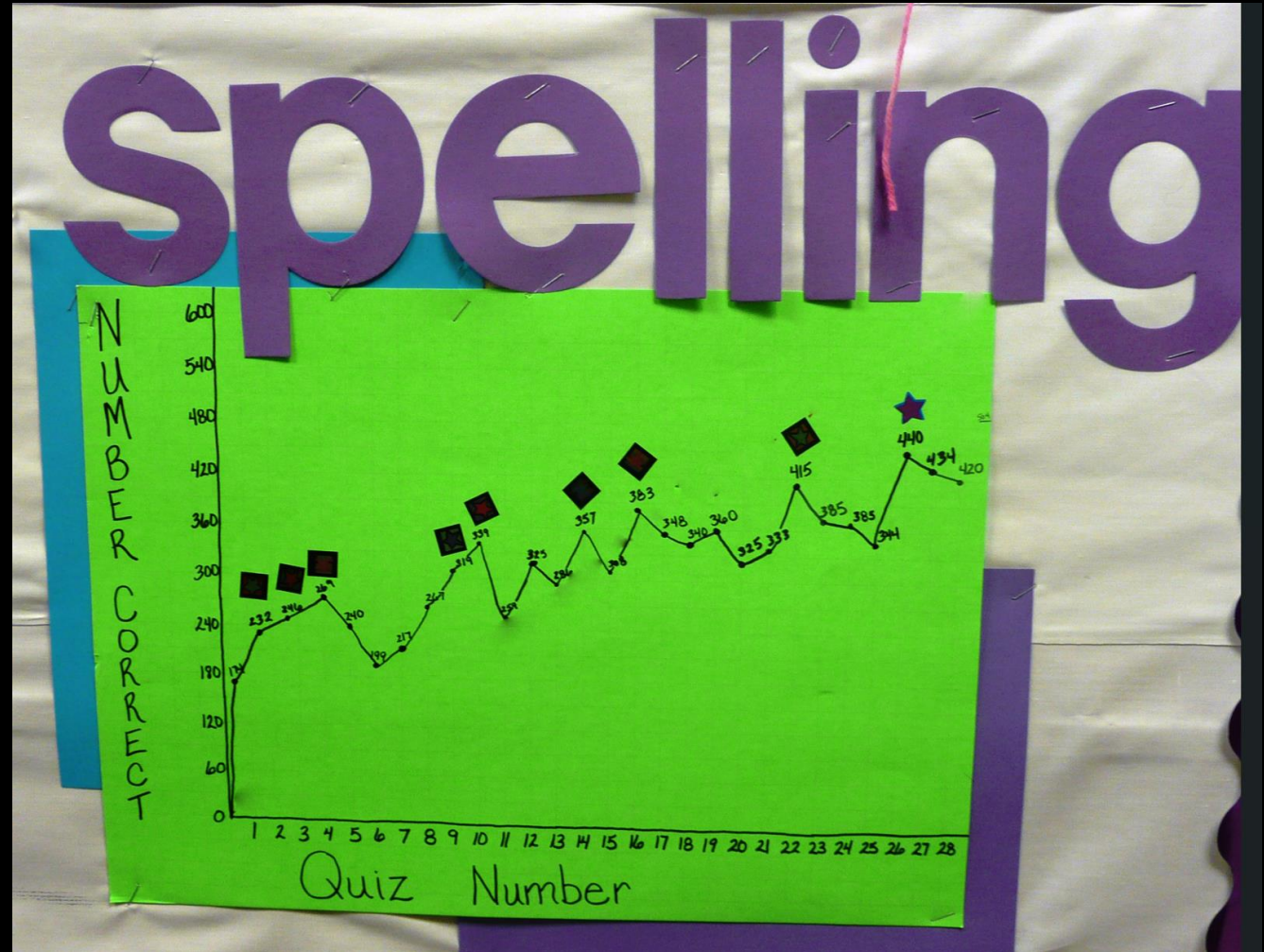
Add up the total for the class.



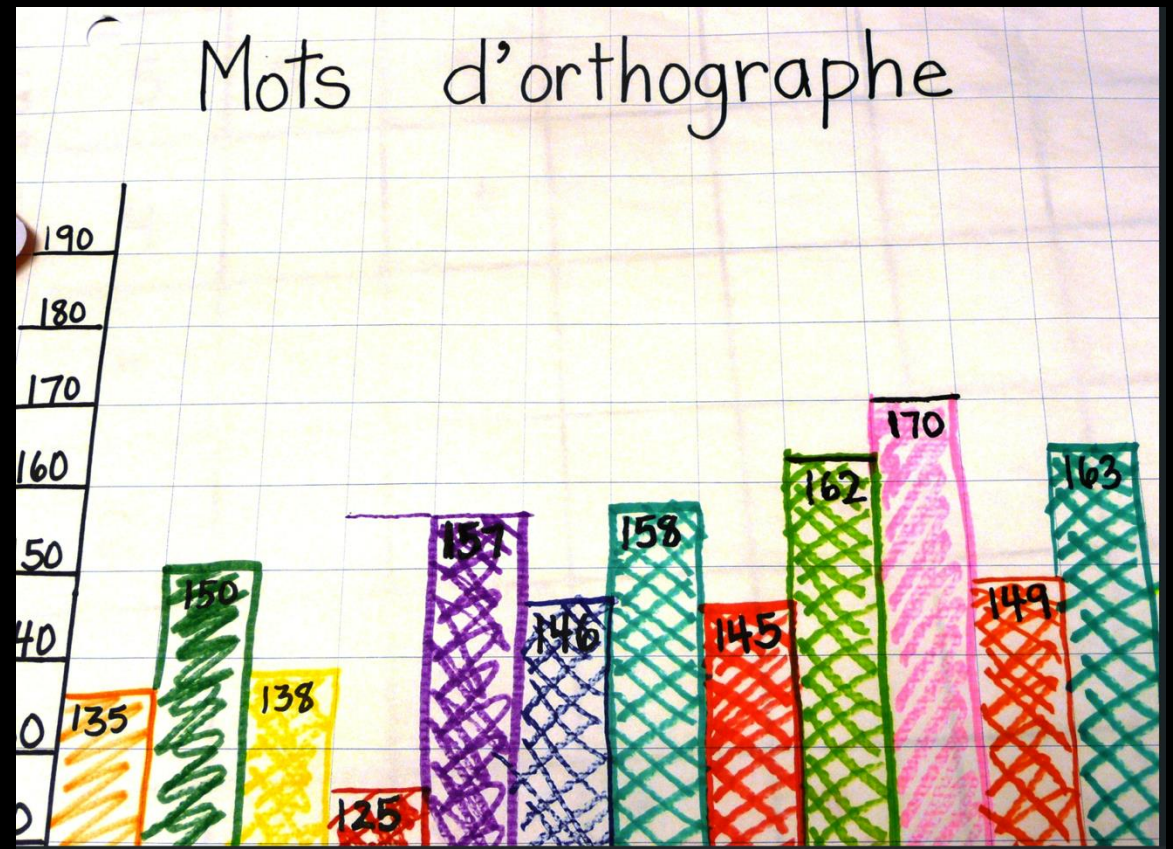




AUSTRALIA

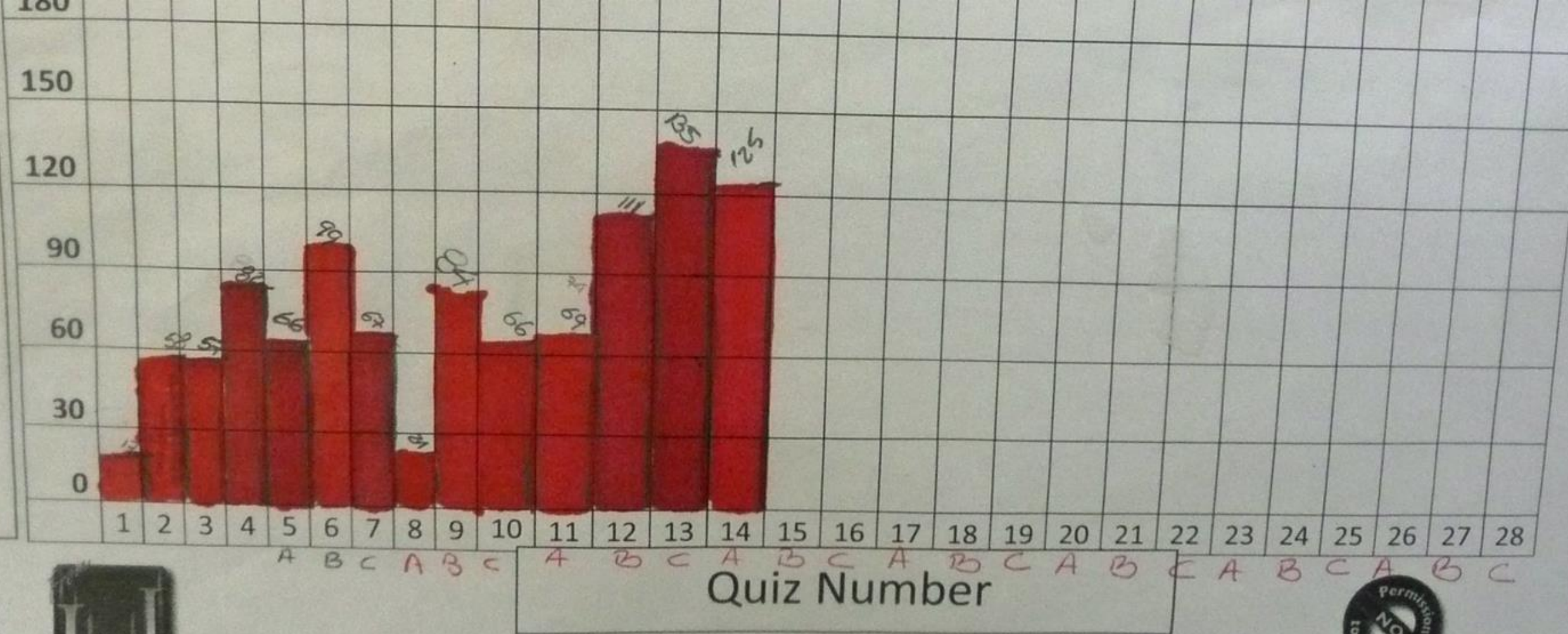






CANADA





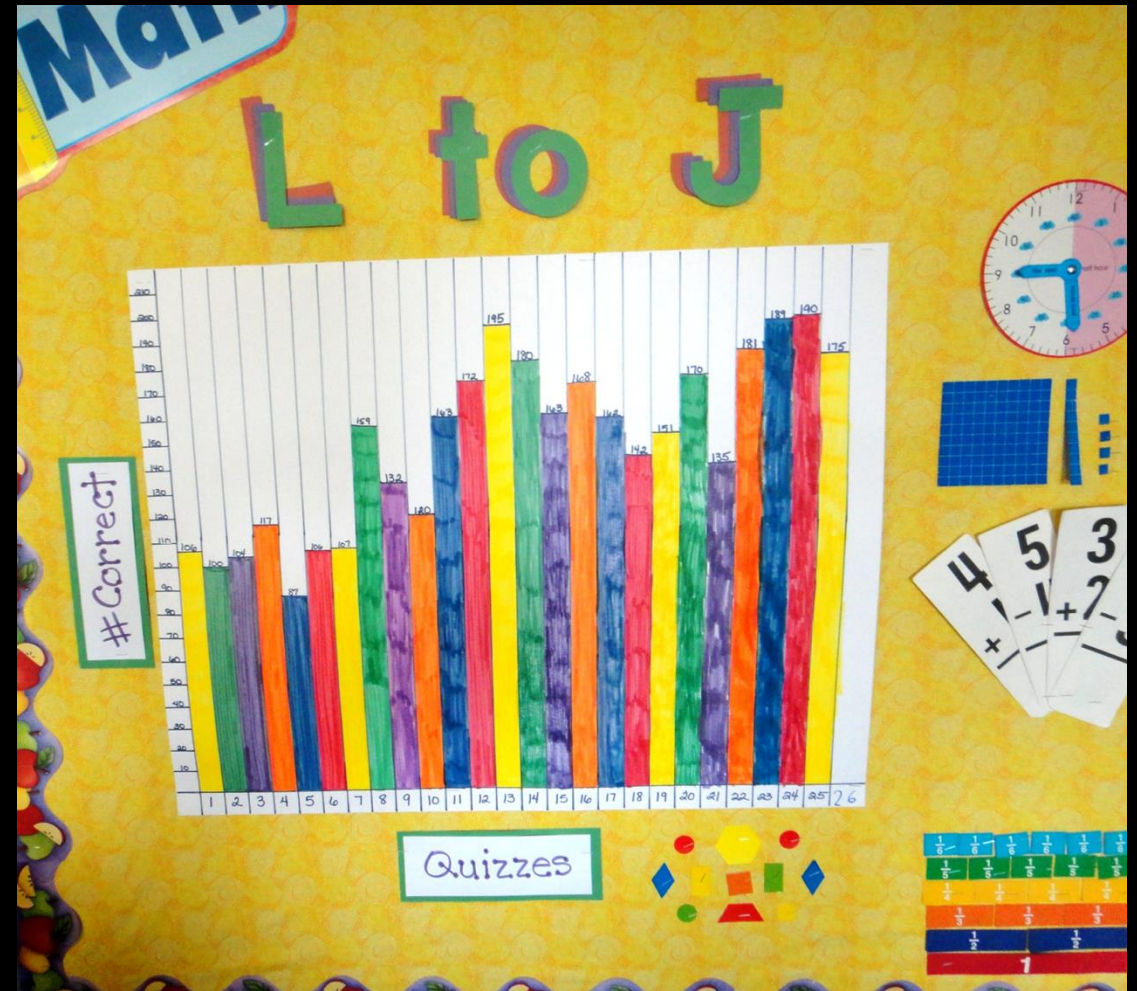
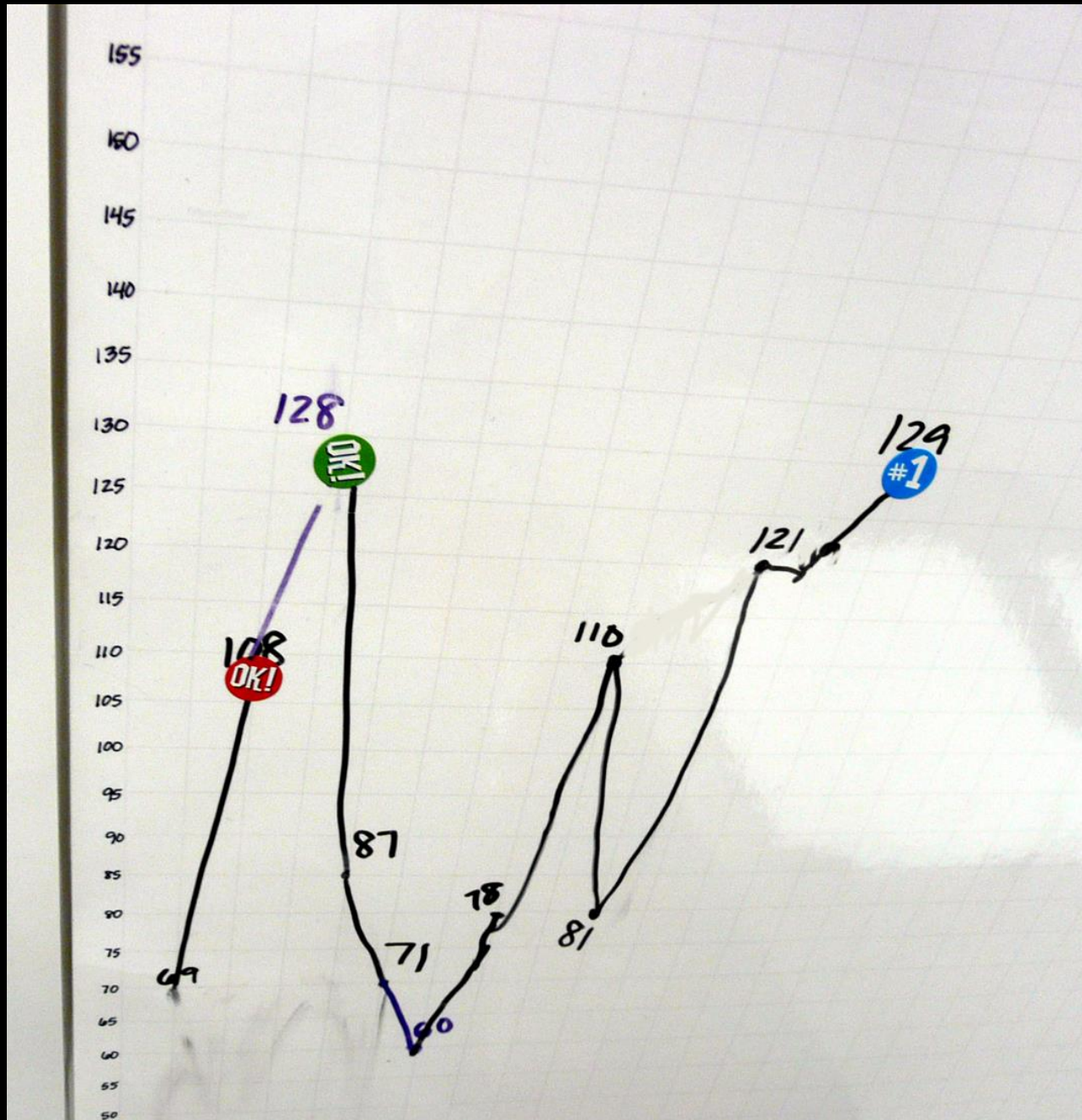
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High School Spanish

CRAZY SIMPLE  
EDUCATION





Sports teams celebrate together –  
coach and athletes

With Class Run Charts –  
teachers and students celebrate together!

## Since 1992:

- Nothing subtracted from Deming.
- Expanded with some clever additions
- Implemented in 1000's of classrooms in USA and beyond.





## Free Blank Graphs

Kindergarten – Grade 5 focused unique instructional materials for reading, writing and math

# Lyle Lee Jenkins, Ph.D.

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International speaker

Author 40+ books on Amazon

Education developer combining student choice/creativity with  
superb mastery of content

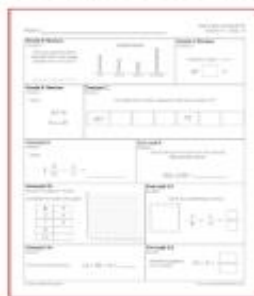
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*The Essential Navigation Tool for Creating Math Experts* is designed to provide children and educators with a comprehensive road map for deep mathematical understanding. Math key concepts (standards written in student friendly language), review/preview quizzes, and graphs not only display student success, but help motivate and drive students to expand their knowledge. Just as a final destination on a road trip is essential, so is this guide. Throughout the school year teachers, students, and parents alike will have a snapshot of both the learning progress and children's learning gaps. The key concepts included in this book are a compilation of state standards and knowledge requirements for grade 5 students. Using the review/preview quiz strategy, children's skill level will increase beyond expectations as they strive for continued success!

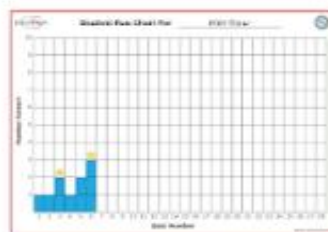
## CREATING MATH EXPERTS WITH



KEY CONCEPTS



QUIZZES



RESULTS

Math experts are created when two things occur: children have visual proof that they are continually learning and the instruction makes sense to their brains. *The Essential Navigation Tool for Creating Math Experts* provides the first requirement and the *How to Create Math Experts Series* accomplishes the second. Mathematical instruction is similar to driving directions, there are many different routes that can be taken to arrive successfully at a location, and many different methods to teach children various concepts. How a student learns place value and other concepts can vary and be adjusted, as long as the concept is understood and long-term learning takes place.

Perfect School Collection™

Lyle Lee Jenkins and the authors and staff at Crazy Simple Education are dedicated to assisting schools and families as they strive to maintain children's love of learning into adulthood. The company's math, literary terms, young readers, and young author publications all have the same aim: to help children exceed expectations and never lose their natural desire to learn.

**CRAZY SIMPLE  
EDUCATION**  
www.crazysimpleeducation.com

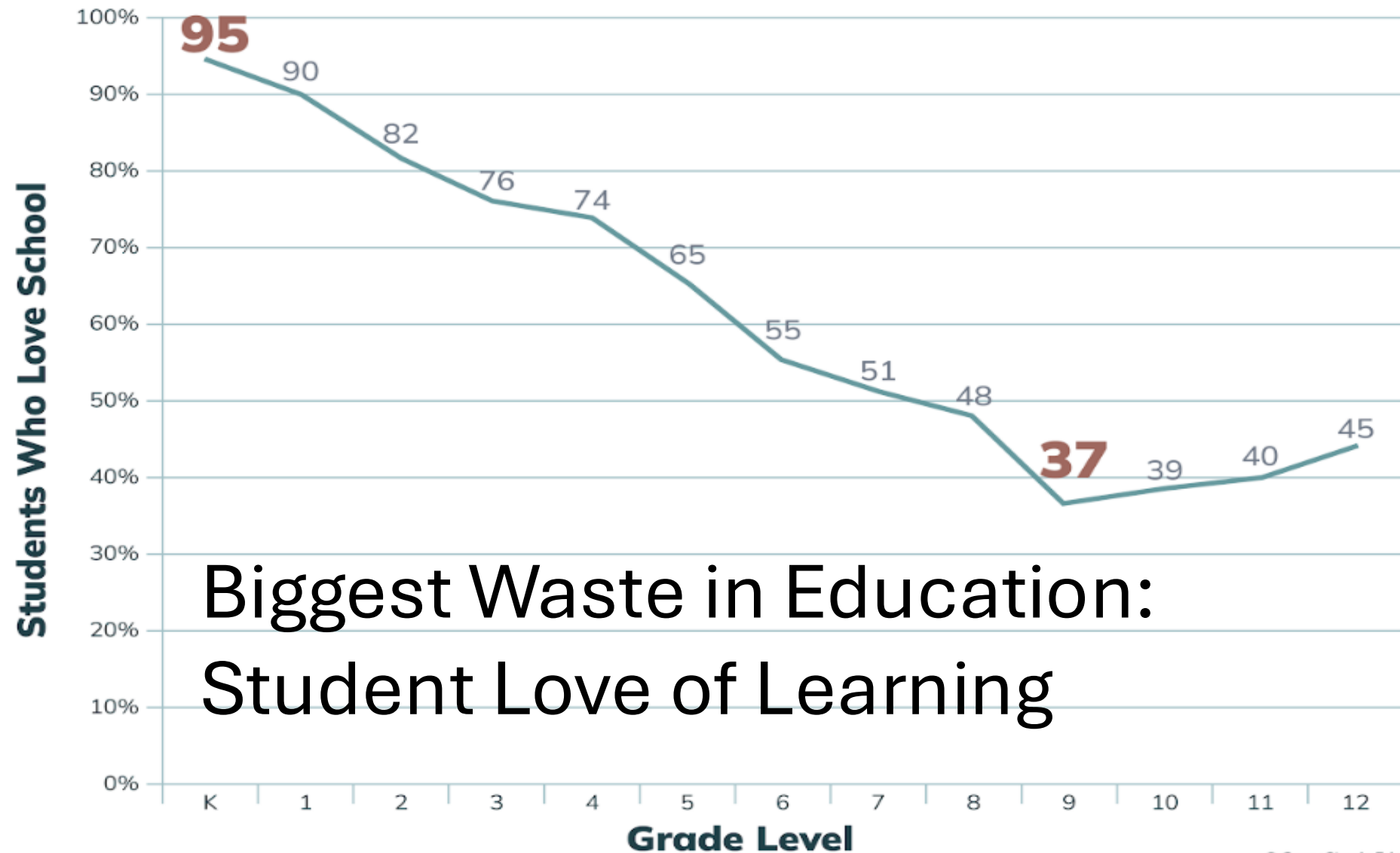


# The Essential Navigation Tool for Creating Math Experts



Lyle Lee Jenkins, Kelly Hawkinson Lippert  
and Christy Courtright

# The Jenkins Curve







# Lyle Lee Jenkins, Ph.D.

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*Forever grateful to Dr. Deming*

*Blessed to learn from 100's of talented educators*

*In love with my church and wife*

*Pleased to be in Arizona, USA*