

# Combating Children's Learning Loss

Making it Easy for Parents

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# A Bit About Me

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- 15 years teaching in Oakwood
- 12 years as an Intervention Specialist
- 3rd year as a Literacy Coach and Interventionist
- Support all grade levels
- 3 children and 2 grandsons
- Hobbies: Reading and Gardening
- Wanna be Triathlete

# Let's Talk About Summer Loss of Learning

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1. Achievement typically slows or declines over the summer months
2. Declines tend to be steeper for math than reading

Summer Slide: declines of 2-3 months

Summer Slowdown: loss of 2 weeks of learning

# Now Comes COVID-19 and Remote Learning

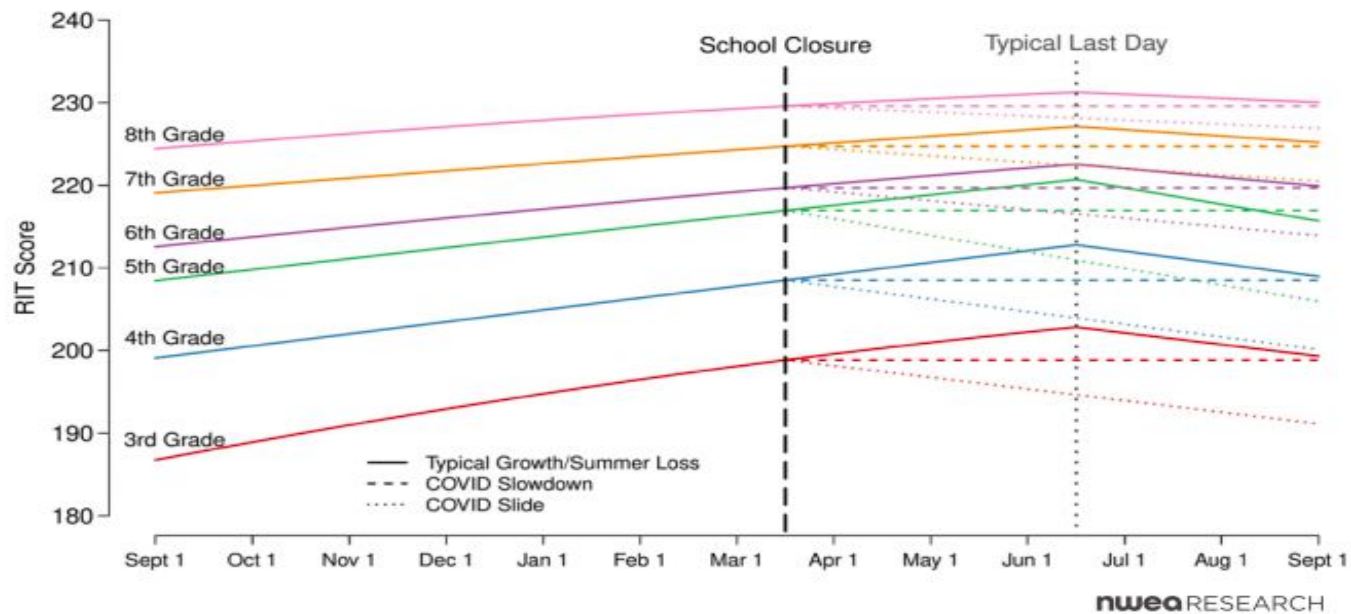
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**Reading:** Students will return in the fall of 2020 with roughly 70% of the learning gain in reading relative to a typical school year.

**Math:** Students will return with less than 50% of the learning gains behind what we would observe under normal conditions.

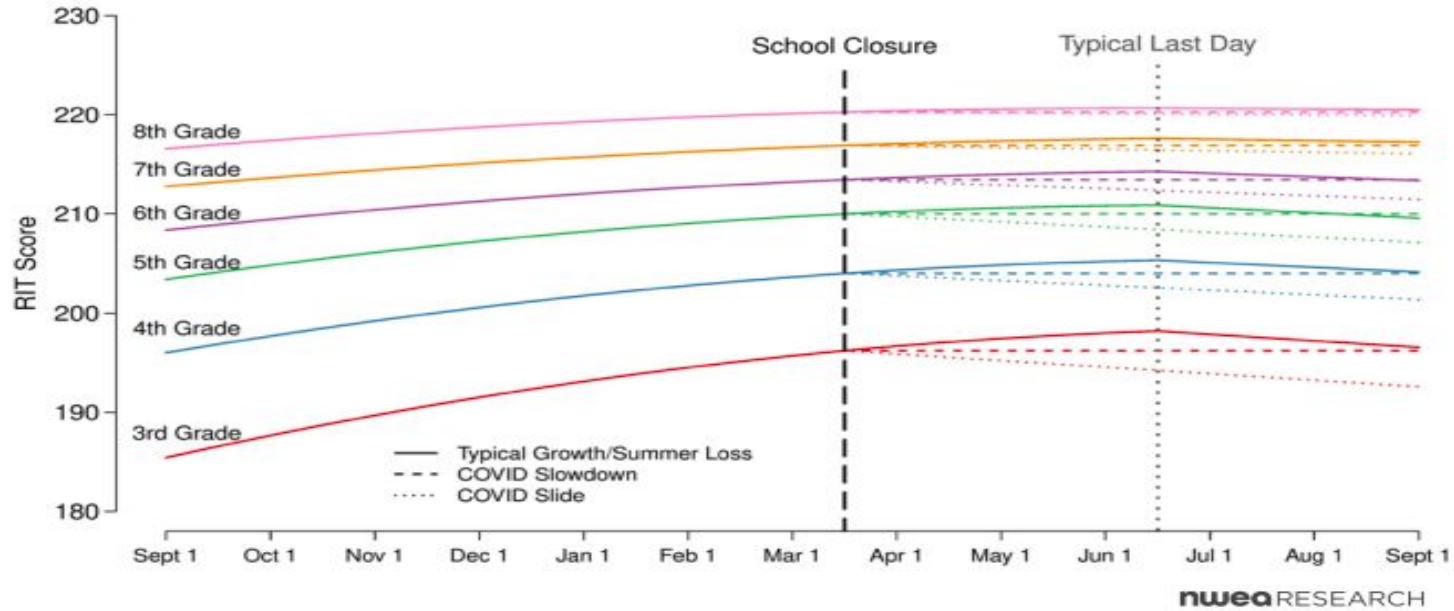
2020 Collaborative for Student Growth -NWEA Research

Figure 1. Mathematics forecast



COVID-19 projections of the average academic growth by grade level  
2020 Collaborative for Student Growth - NWEA Research

**Figure 2. Reading forecast**



COVID-19 projections of the average academic growth by grade level  
2020 Collaborative for Student Growth - NWEA Research

# Oakwood Success

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- \*Access to a variety of books
- \*Families read together
- \*Children are motivated to read
- \*Experiences help develop interest and background knowledge
- \*Vocabulary is a strength of Oakwood students

# Reading Strategy #1

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READ - CHOICE- INTEREST - READ - CHOICE - INTEREST

“Allowing students to make choices about their reading material increased the likelihood that they would engage more in reading.” (Worthy and McKool, 1996)

“Providing general student choices increases effort and commitment to reading.” (Guthrie and Wigfield, 2000)


















# Increase Your Reading Activities

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- \*Read at least 20 minutes every day
- \* Spend time cooking together
- \*Explore different reading materials like chapter books, graphic novels, and magazines
- \*Use your local library
- \*Listen to audio books (great for fluency and decoding support)
- \*Have a family read aloud every day
- \*Enjoy a new hobby - read instruction manuals

# READ 20 Minutes A Day!

Student A Reads	Student B Reads	Student C Reads
 20 minutes a day	 5 minutes a day	 1 minute a day
 3,600 minutes per school year	 900 minutes per school year	 180 minutes per school year
 1,800,000 words per year	 282,000 words per year	 8,000 words per year
		
 Scores in 90th percentile on standardized tests	 Scores in 50th percentile on standardized tests	 Scores in 10th percentile on standardized tests

If they start reading for 20 minutes per night in Kindergarten, by the end of 6th grade, Student A will have read for the equivalent of 60 school days, Student B will have read for 12 school days, and Student C will have read for 3 school days.

# Reading Strategy #2 -SWBST

## Conversation to Summarize

SOMEBODY: characters in the story

WANTED: what do the characters want

BUT: what is the problem in the story (may be more than 1)

SO: what is the solution to the story

THEN: how did the story end

# Summarize

Retell the story in your own words.

Somebody: Who is the main character?



Wanted: What did the character want?



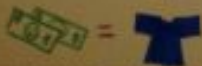
But: What was the problem?



So: How did the character try to solve the problem?



Then: What was the resolution of the story?



# SWBST - Summarizing Tool

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Use the chart to sketch a picture then write a summary

Somebody	Wanted	But	So	Then
Sketch a picture	Sketch a picture	Sketch a picture	Sketch a picture	Sketch a picture

# SWBST: Example

<b>Somebody</b>	<b>Wanted</b>	<b>But</b>	<b>So</b>	<b>Then</b>
main character, speaker, or author	motivation: the gist of the issue; what somebody is trying to accomplish, achieve, or acquire	the problem: what is standing in the way of success, the conflict or opposition	how the problem is solved	resolution: the ending or outcome, what eventually happened
Cinderella	Wanted to go to the ball.	However, her stepmother wouldn't let her go.	So, her fairy godmother helped her.	In the end, she married the prince and lived happily ever after.

# Little Red Riding Hood



**Somebody**

Little Red Riding Hood

**Wanted**

wanted to take her Granny  
some treats...

**But**

but she met a wolf who  
tricked her by locking her  
Granny up and pretending  
to be Granny so he could  
eat her...

**So**

so Little Red got away and a  
woodcutter who was  
working nearby killed the  
wolf...

Then Little Red saved her Granny and  
they lived happily ever after....

<b>Somebody</b>	<b>Wanted</b>	<b>But</b>	<b>So</b>	<b>Then</b>
King George	Colonists to pay for the French & Indian War	The colonists felt taxation without representation was unfair and refused to pay the taxes and boycotted British goods	The King sent troops to America to enforce the tax laws	War broke out between Britain and the American colonists

## Summary



# Reading Strategy #3 - Disrupting Thinking

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When you read, think about what is in ...

<b>Book</b>	<b>Head</b>	<b>Heart</b>
What is the book about?	What surprised me?	What did I take to heart?
What did I notice in the book?	What confused me?	What life lessons did I learn?

# Partner Talk in Reading

You might discuss...

- What was the text about?
- What surprised you?
- What did you notice or wonder about?
- Why do you think the author wrote the story?
- What were some feelings you had while you were reading? What made your feelings change?
- How was this like another book/story you've read?
- How will this book help you be a better person?
- What can you connect from your own life to what you read?



# Questions About Reading??



# Math Loss

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- Kids have fewer opportunities to engage in mathematical thinking over the summer (in comparison to reading)
- Most of the resulting loss involves procedures (not general concepts) and math vocabulary
  - Remember the conceptual idea of division (separating things into equal groups)
  - Difficulty remembering the steps to solve long division

# Math Knowledge- Everyday

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- Math doesn't exist just in school
- Math has a presence in our everyday, "real world" lives
- Plan a vacation (travel, budget, distance, maps, time)
- Visit a museum (time, elapsed time, money, planning a schedule)
- Cooking (fractions, measurements, time)
- Shopping and Eating Out (elapsed time, money, change)
- Road Trip (distance, time, elapsed time, spatial, directions)
- Sports - discuss statistics of players
- Shopping - sales and percentage
- Graph - anything and everything

# Play Math Games

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Many board games rely on skills necessary for math: counting, categorizing, and building

Yahtzee

Blokus

Life

Racko

Set

Poker

Monopoly

Risk

Qwirkle

Blocks, legos, and jigsaw puzzles support spatial skills and recognizing patterns

# Resources for Math Games

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[15 Math Games in 15 Minutes or Less](#)

[Tips and Fun Math Activities \(primary\)](#)

[Math Games with Card and Dice for 1st and 2nd Grade](#)

[Greg Tang Math Games](#)

[Books and Videos for Teaching Math](#)

# Final Questions

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