

Program Overview Grades K–5

# Georgia Reveal \*

Reveal the Full Potential in Every Student



# **Table of Contents**

#### Georgia's Mathematics Standards

*Georgia Reveal Math* for grades K–5 will transform the way your students think about mathematics by developing a growth mindset and emphasizing the development and application of critical problem-solving skills.

02

03

02	Motivate Students	
----	-------------------	--

Motivate students with purpose and confidence that mathematics goes beyond the "right" answer. Discover how *Georgia Reveal Math* K–5 can help you create a classroom community that focuses on growth mindset, where all students can engage with math as they apply what they are learning to real-world situations and reach higher depths of knowledge.

Math is More Than Just Numbers	r r03
Create an Equitable Classroom	04
Make Real-World Connections	06



# 03

#### Elevate Learning 08

Elevate learning and encourage students to ask "why" or "how" using facilitation over direction. Learn how *Georgia Reveal Math* will help you solidify understanding through exploration driven by student curiosity as they effectively demonstrate what they know and what they want to learn.

Utilize a Flexible Lesson Model	08
Spark Curiosity Through Conversation	10
Build Understanding Through Exploration	12
Strengthen Understanding Through Purposeful Practice	14

# 04

### Achieve Success 16

Achieve success as you plan and teach with confidence using actionable data and essential assessment insights to inform instruction and reveal the potential in every student. Find out how *Georgia Reveal Math* can help you meet the needs of all learners with flexible and effective instructional resources.

Monitor Student Understanding	16
Differentiate Based on Data	20
Instruction Informed by Experts	22
Easily Plan Lessons and Teach with Confidence	24

# Designed to Meet Georgia Mathematics Standards



With Georgia's Mathematics Standards as the center of development, *Georgia Reveal Math* is designed to ensure all students can access rigorous content through high-quality instruction and become doers of mathematics.

#### 1. Georgia Standards

Each lesson highlights the content standard covered

#### 2. Mathematical Practices

The Mathematical Practices are integrated into every lesson

#### 3. Lesson Focus

Each lesson has clear and concise objectives and focus

#### 4. Coherence

Lesson horizontal and vertical progressions demonstrate connection of mathematical topics

#### 5. Rigor

A clear balance of Conceptual Understanding, Fluency, and Application is outlined for each lesson



#### Math is... Modeling

What is another way to represent 3 groups of 6?

#### **Mathematical Practices**

Integrated into every lesson, **Math is... prompts** help students self-monitor and apply mathematical thinking and reasoning skills to the problem-solving process.

# Math is... More Than Just Numbers



*Georgia Reveal Math* looks to encourage students to see themselves as doers of mathematics. The first unit in each grade, the **Math is... Unit**, is designed to encourage all students to:

# Understand that their math story is ongoing.

In this first lesson, students will:

- Develop a growth mindset
- Take ownership of their math story

# Develop mathematical thinking and reasoning.

In Lessons 2 through 5, students will:

- Develop their mathematical thinking habits
- Communicate about and apply these skills to the problem-solving process

# Create a collaborative classroom community.

In Lesson 6, students will:

- Develop a voice and choice in their classroom environment
- Establish classroom norms of interaction

#### Learn Math is all around us. We see it in our homes. We see it on the playground. We see it when we go shopping. We all have a math story.

Let's learn about our teacher's math story.



I can show the proble	m with a drawing.
התחחח	
	Math is Representing
	How can I show the problem in a different way?





Written by contributing authors Linda Gojak and John SanGiovanni

# **Create an Equitable Classroom**

*Georgia Reveal Math* emphasizes a positive and productive classroom and supports conscious lesson planning for all students.

*Georgia Reveal Math* supports an equitable classroom through:

- Achievable academic goals
- Instructional focus on exploration, discourse, and sense-making
- Lesson access points for all students to participate
- Multiple representations to promote understanding
- Comprehensive language supports to access the language of mathematics



- Embedded scaffolds and supports to promote common access to rigor for all students
- Data-driven instructional choices
- Multi-modal differentiation

### Focus on the Whole Child

#### Math is... Mindset

What makes you feel confident about your work today?

*Georgia Reveal Math* identifies clear objectives to support students' development in understanding the math content, communicating confidently about mathematics, and approaching problem-solving with a growth mindset.

### Build Literacy Skills for Mathematical Proficiency

*Georgia Reveal Math* was developed around the belief that mathematics is not just a series of operations but a way of communicating—listening, speaking, reading, writing, and most importantly, thinking. As a result, all students can benefit from support designed to develop and promote the use of mathematical language.

MLD	MLR
Math Language Development Feature offers insights into one of the four areas of language competence—reading, writing, listening, and speaking.	Math Language Routines Occur in every lesson to promote the use of mathematical language.
EL	
English Learner Scaffolds Based on WIDA levels and help students understand math vocabulary, ideas, and concepts in context.	Language Objectives Identifies a linguistic focus of the lesson for all learners.
Language Development Graphic organizers, tools, and tips for building students' academic and math vocabulary within each lesson.	Unit Overwinew
IOM	Im Math Language Development. A Focus on Seeking
Language of Math Promotes the development of key vocabulary terms that support how we talk about and think about math in the context of the lesson.	More spaced during outputsing to provide outputsion and straight during the strai

# **Make Real-World Connections**

### **STEM-Focused Units**

Each unit highlights a STEM career and shows real-world applications of math to help students see math as a tool to explore the world around them. The **STEM Career Kid video** introduces a STEM career, and the **Math in Action video** applies the unit's math content to real-world situations.





Within **STEM Adventures**, students engage in experiments with the STEM Career Kids, make hypotheses, and apply mathematical knowledge to analyze the data.



Real-world STEM connections are woven throughout **Redbird Mathematics**, making math relevant for students. Many topics conclude with a digital STEM project.

### **Rigorous Application of Math**

Every unit provides three in-depth **Application Station Cards** that help students extend their thinking and work at **higher depths of knowledge** as they connect the unit content to real-world examples.

ria (🗭 - 💮 Designing State Sales Tax Neighborhoods When you buy goods from stores, such as a video game or a pair of Civil engineers plan and design buildings, jeans, you pay sales tax. The store then gives the sales tax to the government to pay for services like preserving parks o ing highway systems. state gov roads, bridges, and neighborhoods. How Many Beats in a Song? Your Homemade by Me company is doing well and growing. You are thinking about opening stores in other states. The amount charged for sales tax may make a difference in which states you expand to. Plan 2 neighborhoods This is sheet music for the Alphabet Sono I. Draw a map of each neighborhood. Sheet music shows a song's musical notes. Each note ( $\downarrow$ ) tells you how long each sound lasts. Clap your hands and sing Put 20-30 houses in the first Find and list the state sales tax in a table for 5 states you want to neighborhood. Put 30-40 houses Find and list the state sales tax in a table for 5 states you want to expand your business to. In column 1, order the states from least to greatest by the state's sales tax as a decimal. In column 2, write what would be the state's sales tax if it was 10 times the amount it is now. in the second neighborhood. the song while you look at the music. Every clap is one beat. A, B, C, and D are each sung to 1 beat. 2. Include things such as roads, There are three different notes on this sheet music In column 3, write what would be the state's sales tax if it was  $\frac{1}{10}$  the amount it is now. Use this information to determine which 3 states you are more likely to expand your business to. Justify your decision. sidewalks, fire hydrants, and Each has a different number of beats lamp posts. 1 beat together 3. Make a list of items that need to be 1 beat 2 beats 1. What is the purpose of a sales tax? ordered for each house. For example, The top 4 of the symbol  $\Xi$  at the beginning shows that there are 4 beats in each measure. Vertical bars separate the measures. In the *Alphabet Song*, A, B, C, D is one measure. Why do you think states have different sales tax? Give at least one specific example to support and justify your reasoning. each house will need a mailbox. Then, list how many of that item to order for the houses in both neighborhoods. F. F. G is the next measure, and so on. 4. Build a model of each of your 1. Circle each measure in this song and count the number of neighborhoods. in each. How many beats are there altogether from the beginning to the end of the song? 2. Write an equation to represent what you learned about the equal groups of beats in the Alphabet Song. Init 3 • Place Value and Number Relation 3. Visit the music room at your school or do an Internet sea Find sheet music for a few simple songs in <sup>4</sup>/<sub>4</sub> time. Then, repeat the activity, counting and representing the equal groups of beats STEM Project Card Real-World Card Unit 3 • Multiplication and Division Cross-Curricular Connection Card Performance Task A construction team will begin building a new house. Part A: The construction manager is planning her teams. She needs 3 different teams. Each team will have 7 people. How many people does the manager need? Justify your answer. Part 8: The manager expects to complete the house in 32 weeks Each unit includes opportunities to She expects to spend the same amount of time on each of 4 parts of the building project. How many weeks can the manager expect reach higher depths of knowledge to spend on each part of the project? Explain your reasoning. through Performance Tasks. Reflect How can you represent and explain multiplication and division?

# Utilize a Flexible Lesson Model

The *Georgia Reveal Math* lesson model keeps sense-making and exploration at the heart of learning. Every lesson provides **two instructional options** to develop the math content and tailor the lesson to the needs and structure of the classroom.

Elevate Learning



### Create Consistency in Learning

Instructional routines are embedded within every *Georgia Reveal Math* lesson to help students become proficient doers of mathematics.

#### Build Fluency

#### **Number Routines**

Support the development of flexibility with numbers and fluency with operations at the start of every lesson.

#### MLR

#### Math Language Routines Promote mathematical

language use and development as part of math instruction.

#### Sense-Making Routines

Build sense-making as a foundation for problem-solving and mathematical modeling.



Teachers will assign the **Exit Ticket** to inform instruction, and students communicate their confidence level with the teacher. Teachers choose from a variety of **Daily Differentiation** activities to support every student's path to understanding, pulling small groups as needed to reinforce understanding.



# **Spark Curiosity Through Conversation**



"Let's bring curiosity, wonder, and joy back into the classroom and make math irresistible for kids."

–Raj Shah Contributing Author



IGNITE!

Each unit opens with an **Ignite! activity**, an interesting problem or puzzle that:

- Sparks students' interest and curiosity
- Provides only enough information to open up students' thinking
- Motivates them to persevere through challenges involved in problem-solving

### Notice and Wonder

Sense-making routines launch every lesson, creating an equitable classroom culture where all ideas are welcome and respected. Student curiosity and ideas shared in **Be Curious** become the base for the day's lesson.





"All students have ideas about math that are valid and worth talking about."

-Annie Fetter **Contributing Author** 



### Accessible to All Students

Be Curious offers a low floor, high ceiling routine that allows every student to explore and discuss their ideas with multiple entry points and approaches to problem-solving.

# Build Understanding Through Exploration

Teachers have their **choice of two instructional strategies** to facilitate student exploration within Explore & Develop:

- Activity-Based Exploration allows students to explore concepts, develop and test hypotheses, and—most importantly engage in productive struggle as they use mathematical modeling to gain understanding.
- Guided Exploration follows a teacher-facilitated exploration with a question-and-answer format and collaboration to promote rich discourse.

#### Math is... Precision

#### Encourage Mathematical Thinking Habits

To think like mathematicians, students must employ **mathematical practices and proficiency skills** to develop a problem-solving frame of mind.

Georgia Reveal Math helps students build proficiency through the **Math is... prompts**. These prompts are found in the Learn stage of every lesson and model the kinds of questions students can ask themselves to become proficient problem solvers and doers of math.



#### CHOOSE YOUR OPTION

#### **Activity-Based Exploration**

Students explore and use equal groups to find the total number of objects. Materials: counters or other countable manipulatives, yarn or string

Directions: Students will explore ways to find the total number of peaches in 5 baskets.

· Let's imagine there are five baskets and the baskets have peaches in them. How can you determine the total number of peaches in the baskets?

#### **Guided Exploration**

Students build an understanding of one meaning of multiplication as equal groups.

- Use and Connect Mathematical Representations Think About It: What does each object represent?
  - · What could be another way to show the number of baskets
    - and the number of peaches in each basket?

#### CHOOSE YOUR OPTION

equiel groups

Use and Co

objects in each group.

equal groups?

Holb Is. Precision

exploring multiplication.

of coulters in the gloups.

**Guided Exploration** 

tect Mathematical Repre

Students build a understanding of one meaning of multiplication as

students understand that equal groups have the same number of

- How could you explain to a friend that the peoples are in

identify the multiplication symbol in the equation and explain that it means groups of and can be read as multiplied by. Explain that you

can use multiplication to find the total number of objects when the

Students reflect on the importance of precise language when

Have students work with a partner to create 2 groups with 4

objects in each group. Ask students to determine the total number

2. Develop the Hoth

-----

 Think About It: What does each absect represent? . What could be prother way to show the number of taskets

and the number of peaches in each basket? Discuss with students the meaning of equal groups. Ensure that

number of objects in each group is the same

- Why is it important to say "equal proces"?

#### Activity-Based Exploration

Students explore and use equal proups to find the total number of objects. Materials: counters or other countable manipulatives, yern or string Directions: Students will explore ways to find the total number of eaches in 5 baskets. • Let's imagine there are five baskets and the baskets he

peoches in them. How can you determine the total number of peoches in the basepts?

Students will use yarn or string to represent the baskets and counters to represent the peoches, students may choose to place the same number of counters in each group or a different number. Nave them find the total number of peoches and record their work.

Support Productive Struggle

- How many counters are in each group? + How can you find the total number of counters when there is a different number in each group? How can you find the total when there are the same number in each group?
- . Do you always have to add to find the total? Exp Have students share and compare their strategies for finding the total number of counters when there was the same and different numbers
- in each group mater. Ending the lotal when the proces had the s Which was number of objects to when they had different sumbers of objects?
- introduce the concept of multiplication.
- One way to find the total number of objects in equiligroups is to use Hultphistion. You can multiply the number of groups by the number of objects in each group

Model 5 groups of 3 counters and present the equation  $5 \times 3 = 15$ . Note the multiplication symbol and as needed discuss operation symbols they already know. Have students repeat the activity with equal groups in each basket and represent with a multiplication equation. - What shatapper, can you use to find the total

Activity Debrief: Have pairs explain how they found the total number of counters. Ask them to think about why using multiplication might be a more efficient strategy for determining the total

Hathis... Precision · Why is it important to say "orosel proces"

Students reflect on the importance of precise language when exploring multiplication.

#### English Learner Scattolda

pointing out the pictures of the peach baskets Have students chorally count to determine that each group has the same number of objects. Then have students explain how they know that the peaches are in equal groups.

Entering/Emerging Support students in understanding the meaning of "equal groups" by following sentence starter to help them relate multiplication to equal groups: I know the peoch baskets represent inultalization because

**Bridging/Reaching** Have students work with a partner to describe the meaning of the multiplication equation 3 × 5 = 15 in terms of equal groups and the re objects in each group.

92A

Lesson 3-1 - Understand Equal Groups

Explore & Develop also offers resources for teachers, like:

- Integrated Effective Teaching Practices guide instruction and discourse, keeping the student at the center of the learning.
- Lesson Presentations are available in an interactive format to demonstrate lesson concepts.

			.*
2. Develop the	Hoth		
Earth parent is plue to	bect How ben you use counter	1.14	
lagresent the peach	es? Let's shaw to show the court	darts.	
0			
/ free			
& Select	balls build build	S peaches in	
+ Pan		each timbat	
Co man	()()()	3-ofgects m each atteat	
•	$\sim \sim \sim$	17056-1	
And a		Provide Statements	
		O There Over	
10.0			

# Strengthen Understanding Through Purposeful Practice

Practice & Reflect provides students with questions that address all elements of rigor to practice application along with the algorithmic procedures.

**On My Own** activities can be completed in the print Student Edition or eBook and are also available in Spanish. Two additional practice pages can be completed in the **Student Practice Book** or **Interactive Digital Practice**, which embeds learning aids.







Every lesson contains a one- to two-minute video explanation of the lesson concept for students to reference as they complete independent work.



### Build Fluency and Number Sense



**Spiral Review**—Daily practice on the major concepts of each grade level in print and digital formats.



**Fluency Practice**—Per unit practice addressing each grade's fluency expectations in print and digital formats.

Onasse the	e product.				
the reality	star of Maryon	attin find & her	dent.		0
	0			< Tx3- 4.0.	
			_		
	_	_			

**Redbird Mathematics**—Adaptive instruction on the focus areas across grade levels to accelerate learning.



#### **Daily Number Routines**

Teachers utilize a **Number Routine**, written by John SanGiovanni, to build number sense and proficiency with numbers. This supports the students' ability to fluently and flexibly apply strategies to solve unknown problems.

# Monitor Student Understanding

04 Achieve Success

*Georgia Reveal Math* offers a comprehensive set of assessment tools that include diagnostic, formative, and summative tools.

#### Diagnostic

#### Summative

- Course Diagnostic
- Unit Diagnostic

#### Formative

- Exit Ticket
- Math Probe

#### Unit Assessment, Forms A and B

- Unit Performance Task
- Benchmark
  Assessments
- End-of-Year
  Assessments

### Print and Digital Formats

All assessments are available for either print or digital administration. Print Assessments can be found in the Assessment Resource Book or as downloadable PDFs in the Digital Center.

All digital assessment items, except for open response questions, are autoscored. Teachers can create new or customize existing assessments using additional item banks and item authoring tools.

Cuestion 3 of 14 🗸 🔍	6
Question 3	9
Look at the groups of 10 cubes.	Æ
e e e e e e e e e e e e e e e e e e e	
tens and ones is	
Next Guestion	Done and Review

### Data to Drive Instruction

Performance reports—found in the Digital Teacher Center—provide immediate feedback to teachers, which allows them to make data-driven instructional decisions.

10.00				8
A 30 million	Construction of the second			
betwee:	Activity Performance - Oast	¥		Teven Debrits Match
666				
architel.	President (	File Andprends U		1
towns.				
Arightett	Biologi Clark Average		Manual Street Street	
-	86%			
-	al second second part			The summarized state
Annual I				Also mand rates
Tagland .				Anto and all Musica.
	Activities Students			
			Area (MMCO/YYYY) 76/A	(minocial)
			R 14 2000	4,2000

#### Activity Performance Report

Teachers can review useful data points for class activities, including item analysis by student and class.

#### Georgia Standards Report

Teachers can access class performance by standard, including a cumulative score by class and student.

#### MAP Growth Report

Teachers can view students' *MAP Growth* RIT scores and progress throughout the year.

# Integrate MAP Growth Data to Identify Gaps Early

*MAP Growth*<sup>™</sup>, the market's most trusted and accurate interim assessment, integrates its data with *Georgia Reveal Math* on the Open Learning Platform.

*MAP Growth* data can save teachers time by identifying students who may need additional support to access grade-level content. **Auto-grouping** and **Recommended Targeted Skill Paths** provide support and review of critical prerequisite skills.

## Ensure Student Readiness for Each Unit

The unit begins with a **Readiness Diagnostic** to assess each student's knowledge of essential prerequisite skills for the unit. Teachers can utilize the targeted intervention resources to address the learning gaps and ensure students can access the grade level unit content.

Name 1. Which number makes the equation true? 5 + 4 = 4 + ?**A.** 3 **B** 5 **C.** 4 **D** 6 2. Cara bought a package of toy cars for each of her 5 friends Each package has 4 cars. Which equation can be used to find the total number of cars Cara bought? **A.** 5 + 4 = ? B. 5+5+5+5+5=? **C.** 4 + 4 + 4 + 4 = ?**D.** 4 + 4 + 4 + 4 + 4 = ?3. Marco has 3 shelves in his room. There are 3 trophies on each many trophies does Marco have? **B.** 6 **C**. 9 **D.** 12

Unit 3

**How Ready Am I?** 

uried 15 bones. Maria found 6 bones. Maria traction equation 15 - 6 = ? to find out how re still buried. In could Maria use to help solve her equation? B. 6 + 9 = 15D. 9 - 15 = 6

 > bike for a total of 10 miles in two days. On the es his bike for 3 miles. Which equation
 > number of miles he rode his bike the second

Assessment Resource Book 37

**B.** 10 + 3 = ? **D.** ? - 10 = 3

### Targeted Intervention

Intervention resources, including **Guided Supports** and **Skills Support Sheets**, align to the beginning- and end-of-unit assessment items and are available at the point-of-use to quickly correct misunderstanding and target gaps with small group lessons and practice sheets.



### Recognize Misconceptions in the Moment

Math Probes support teachers to identify and target common misconceptions within the unit.

/		
	Linit 3	CHERYL TOREY
/		MATH
	Estimation	ROBES
_	Name	
	Four students showed their work to	o estimate this sum:
	547 + 231	+ 363
	Decide if each student's process p	rovides a correct way to
	estimate the sum.	
	Student A	Explain why you chose Yes or No.
	I added: 500 + 200 + 400.	
	Circle Vec or No.	
	Yes No	
	Student B	
	Student B	Explain why you chose tes of No.
	First I added the numbers.	
	547 + 231 + 363 = 1,141	
	Then I rounded. My estimate	
	is 1,140.	
	Circle Yes or No.	
	Yes No	

#### Short, Formative Assessment

Each Math Probe features three to four items that are split into two parts:

- 1. Part One assesses students' understanding of concepts.
- 2. Part Two asks students to share their thinking about the concepts.



Written by contributing author Cheryl Tobey

#### Supports to Identify and Target

Authentic student sample responses help identify the misconception. Provided remedies help teachers correct misconceptions quickly and efficiently.



# **Differentiate Based on Data**

**Exit Tickets** are daily, quick formative assessments that take the guessing out of planning meaningful differentiation to raise all student learning. Teachers use students' scores on the Exit Ticket to decide on differentiated assignments from the robust differentiated resources available.



If students score	Then have students do
4 of 4	Additional Practice or any of the C+ or C activities
3 of 4	Take Another Look or any of the Ci activities
2 or fewer of 4	Small Group Intervention or any of the () activities
Key for Different	iation standing
Build Proficiency	/
Extend Thinking	

### **Flexible Differentiation Options**

Daily instruction includes workstations and online, independent activities to support daily differentiation:

#### **Game Station**

Small-group games engage with hands-on lesson content and opportunities for collaboration.



Written by contributing author Nicki Newton

#### **Application Station**

Activities to apply unit content to higher depths of knowledge.



#### **Digital Station**

Interactive games to build proficiency throughout the unit.



# Accelerate Learning for Every Student

*Redbird Mathematics* provides students the added advantage of a personalized learning pathway continuously adapting to them. *Redbird Mathematics* supplements *Georgia Reveal Math* instruction and accelerates learning for all students from remedial to advanced.

- Deliver just the right level and amount of instruction and practice to propel learning forward
- Use STEM connections to show students why algebra readiness matters and connect math to the real world
- Identify and close algebra readiness gaps without requiring additional whole-class instructional time
- Generate real-time data to make insightful, actionable decisions about every student's progress towards algebra readiness



# **Instruction Informed by Experts**

McGraw Hill's Learning Scientists teamed up with expert authors to create a program guided by validated academic research and classroom best practices.

#### Ralph Connelly, Ph.D.

Professor of Education at Brock University and current member of NCTM Mathematics Education Trust Board

#### **Annie Fetter**

Math Education Specialist at the 21st Century Partnership for STEM Education

#### Linda Gojak, M.Ed.

Past President of NCTM and NCSM

#### Sharon Griffin, Ph.D.

Professor Emerita of Education and Psychology at Clark University in Worcester, Massachusetts

#### Susie Katt, Ph.D.

K–2 Mathematics Coordinator at Lincoln Public Schools in Lincoln, Nebraska

#### Ruth Harbin Miles, Ed.S.

Math Coach and past NCTM (2013-2016) and NCSM (2005-2008) Board of Directors member

#### Nicki Newton, Ed.D.

Educational consultant and the Founder and Developer of Math Online PD Academy

#### Georgina Rivera, M.Ed.

Current 2nd Vice-President of NCSM

#### John SanGiovanni, M.Ed.

Coordinator of Elementary Mathematics in Howard County, Maryland and past NCTM Board of Directors member

#### Raj Shah, Ph.D.

Founder of Math Plus Academy and a founding member of the Global Math Project

#### Jeff Shih, Ph.D.

Instructor and professor at the University of Nevada and Current Member of NCTM Board of Directors

#### Cheryl Tobey, M.Ed.

Mathematics Program Director of the Mathematics and Science Alliance

#### Dinah Zike, M.Ed.

Founder of Dinah Zike Academy; Inventor of Foldables®

# Continued Learning Led by Experts

Teachers and administrators have access to a comprehensive set of online professional learning resources to support successful implementation and continued learning throughout the year.

	11/11
PROGRAM OVERVI	
Learning & Support	Resources
E 19 Apr 2021	III - Crpand All
Get Started with Reveal Math	Expand All
Get Started with Reveal Math Be Curious	Expand All
Get Started with Reveal Math Be Curious SEL in Reveal Math	Expand All () () ()

#### **Quick Start**

Concise resources designed to quickly get teachers up to speed with *Georgia Reveal Math.* 

#### Digital Walkthrough

Short videos guide teachers and students through the digital platform.

#### Workshop Modules

Video-based learning modules present instructional topics that are key to *Georgia Reveal Math.* 

#### **Expert Insights Videos**

At the start of each unit, authors and experts share an overview of the concepts along with teaching tips and insights about how to implement the lesson.

#### **Instructional Videos**

Authors showcase key features and provide implementation recommendations.

- Annie Fetter: Be Curious and Sense-Making Routines
- Raj Shah: Ignite! Activities
- Cheryl Tobey: Math Probes
- Linda Gojak: Guided and Activity-Based Exploration
- John SanGiovanni: Number Routines and Fluency

# Easily Plan Lessons and Teach with Confidence

### See all lesson resources at once

Teachers can view all the lesson resources and plan from organized lesson landing pages within the **Digital Teacher Center** that align to their print Teacher Edition layout. Lessons can be added to the calendar and easily accessed from the Teacher Dashboard on the day of learning.

Plants And and Saltant allow.	/ Report 4 Digt.	Preview Student Page	Laurch Phowerlation Edit	
	Represent 4-Digit Numbers			
			EA broind &	
Lesson Resources			0	
Number Routine			0	
Launch			0	
Explore and Devel	op		0	
Practice and Refle	t		0	
Assess			0	
Differentiate			0	

### Customize lesson presentations

-		13 +
		op the Math
	m. The	e a related multiplication equation the unknown factor.
	the columns v.	ou solve for the unknown? Move es to create an array to show ho
		50 + 5 = ? 5 × ? = 50
	0	s to create an array to show how 50 + 5 = 7 5 × 7 = 50

Teachers can launch interactive and engaging presentations with **embedded eTools** from their lesson landing page. Each lesson presentation can be reorganized or customized with teacher added resources.

# Engage students with productive learning opportunities

The **Unit Overview** offers a comprehensive overview of the unit content for just-in-time professional support and includes:

- Content Overview
- Pedagogical Overview
- Language Overview
- Unit Routines



# Access content through multiple learning management systems

McGraw Hill's Open Learning platform currently integrates with the following Federated Standards: SAML 2.0 IDP, LTI 1.0, and Clever. Integration is possible with most learning management systems that support these standards, including but not limited to:

- Canvas
- Schoology
- Google Classroom
- Blackboard



# **Teacher Resources**

### Print Resources

Teacher Edition, 2-volume





## **Classroom Workstation Kit**

Workstation Teacher Guide (in Digital Teacher Center)

Game Station Resource Book





Application Station Cards

	Georgia Reveal Math, Grade 3	GA K-5 Math Teacher Demo
6 MyPrograms (	Georgia Reveal Math Grade 3	G. Samet in Reported
Outtourt	Georgia Reveal Math, Grade 5	St. Sector in and other
Course	Secrete Reyard Marry Strate S	
Destances		
Crender		
Anteriorente	Where do you want to go?	
(Merrier)	3 Browse Your Course	
hipote		
Assessment	Calendar	eBook Options
My loom	< Thursday, March 25, 2022	
	No calendar items scheduled for this day.	
		Georgia Georgia Print Haster
		Student fublion, Student Edition, Visit, Dravie 3, Grade 3 (M. 1) Grade 3 (M. 2) Visiting 7

# **Digital Teacher Center**

Teachers have access to an intuitive and easy-to-use platform where they can plan and implement engaging instruction. The teacher experience includes:

- Daily, interactive lesson presentations
- Differentiation Resources
- Assessment Resources
- Auto-scored practice and assessment
- Customizable assessment and item banks

- Teacher and Administrator data and reporting
- Professional Development workshops and videos
- Ability to add resources, including presentations, website links, and more
- Classroom management and grouping tools

## Manipulative Kits

The Classroom Manipulatives Kits include hands-on materials to support lesson instruction and are organized in plastic tubs for easy storage.

# **Student Resources**

# Print Resources

Student Edition, 2-volume



Student Practice Book









### **Digital Student Center**

Designed with the needs of elementary students in mind, the Digital Student Center offers access to a robust set of engaging digital tools and interactive learning aids, including:

- Interactive Student Editions
- Daily, interactive practice with embedded learning aids
- Online assessments with interactive question types
- Adaptive instruction and practice through Redbird Mathematics
- Animations, glossary, videos, and eTools

- Digital games designed for purposeful practice
- Instructional mini-lessons to reinforce understanding
- Rich exploratory STEM Adventures
- Visual and dynamic
  Web Sketchpad<sup>®</sup> activities



### Reveal the Full Potential in Every Student

Learn more at mheonline.com/georgia



K4.1045392