

 TEACHER GUIDE**Faith in Numbers: Pre-Algebra Growth**

*A Teacher Companion for Supporting Students in Real-World,
Faith-Centered Mathematics Learning*

Table of Contents

1. Welcome Letter for Teachers	3
2. About the Course	3
3. What Makes This Course Different	4
4. The Faith Lens in Mathematics	4
5. Understanding the Cognitive Apprenticeship Model	5
6. How to Support Students in a Self-Directed Structure	5
7. What Teachers Can Expect Students to Learn	6
8. Course Structure (30 Lessons)	7
9. How to Facilitate Reflection & Discussion	8
10. Supporting Struggling Students	8
11. Faith Conversation Guidance	9
12. Classroom Integration Ideas	9
13. Technology & Materials Needed	10
14. Teacher FAQs	10
15. Contact & Support	10

1. Welcome Letter for Teachers

Dear Educator,

Welcome to *Faith in Numbers: Pre-Algebra Growth* — a course designed to strengthen students mathematically while helping them grow spiritually through Biblical wisdom, Christian character, and God-honoring decision-making.

This guide will help you:

- Understand the learning model behind the course
- Support students effectively as they complete lessons independently
- Facilitate reflection conversations that connect math to Christian values
- Show students how Scripture can guide discipline, stewardship, and purpose
- Build confidence, resilience, and character through math learning

Thank you for serving students and for bringing Christ-centered encouragement into their academic journey.

With appreciation,

Dr. Derrick Campbell

Founder, Quarantine Racism Educational Services

2. About the Course

Faith in Numbers: Pre-Algebra Growth is a 30-lesson, self-paced video curriculum that teaches students foundational Pre-Algebra while guiding them to reflect on Christian principles.

Students learn:

- Foundational Pre-Algebra concepts
- How numbers reveal patterns in God's creation
- How math supports wise decision-making
- How Scripture encourages diligence, stewardship, and integrity

Every lesson includes:

- A short instructional video
- Guided modeling
- Coaching-style practice
- Vocabulary and scaffolds

- A Scripture-based reflection prompt
- A real-world “authentic task” rooted in Christian wisdom

Students move at their own pace while teachers facilitate encouragement, structure, and supportive conversations.

3. What Makes This Course Different

Most Pre-Algebra courses teach procedures without purpose.

This course teaches **purpose first** — then procedures.

Students learn math the same way Biblical stewards, planners, and problem-solvers use it:

- To make responsible decisions
- To understand patterns in creation
- To solve problems with discipline and perseverance
- To manage resources wisely
- To honor God through thoughtful reasoning

Rather than separating math from Christian living, this course:

- Connects numbers to wisdom
- Connects problem-solving to perseverance
- Connects math practices to Scripture
- Connects discipline to spiritual growth

4. The Faith Lens in Mathematics

Faith is woven into each lesson through:

- Biblical reflections
- Scriptures that reinforce discipline, stewardship, and perseverance
- Real-life applications related to responsibility and wise choices
- Journal prompts that connect learning to Christian character

This course emphasizes:

- Effort, stewardship, and diligence
- God’s order and patterns
- Wisdom-guided decision making
- Encouragement rooted in Scripture

Teachers do **not** need theological expertise; the course includes all Scripture references and prompts needed for safe, respectful, and age-appropriate faith discussions.

5. Understanding the Cognitive Apprenticeship Model

This course is built on the same six research-based phases:

1. Modeling

Students watch a demonstration of the math skill with a Scripture connection.

2. Coaching

Students practice with guided prompts, hints, vocabulary, and examples.

3. Scaffolding

Supports include diagrams, step lists, sentence starters, and Biblical reminders.

4. Articulation

Students explain their thinking — including how Scripture applies to the scenario.

5. Reflection

Students compare their work to models and reflect on accuracy and spiritual growth.

6. Exploration

Students apply the skill to authentic scenarios such as:

- financial stewardship
- responsibility
- planning
- decision-making
- time management

This turns math learning into character-building + problem-solving + spiritual reflection.

6. How to Support Students in a Self-Directed Structure

Even though the course is self-paced, teachers still play a vital role.

You are the:

- Encourager
- Conversation facilitator
- Clarifier of misconceptions
- Connector between math and Biblical wisdom
- Guide for pacing and organization

Recommended Teacher Actions:

- Create weekly check-ins (5–10 minutes)
- Host short reflection conversations after every 2–3 lessons
- Provide optional problem-solving groups
- Encourage students to use vocabulary sheets
- Model how Scripture can encourage perseverance
- Monitor practice attempts for accuracy

If teaching in class:

Allow 20–30 minutes for video + practice, then 10 minutes for reflection or discussion.

7. What Teachers Can Expect Students to Learn

Students will master:

Number & Operations

- Integers
- Absolute Value
- Fractions
- Decimals
- Percents
- Ratios & Rates

Algebraic Reasoning

- Expressions
- Variables
- Evaluating expressions
- One-step and two-step equations

Geometry

- Area
- Surface Area

- Volume
- Coordinate Plane

Data Literacy

- Graphs
- Patterns and trends
- Real-world analysis

Spiritual Growth Themes

- Stewardship
- Perseverance
- Wisdom
- Honesty
- Decision-making
- Self-control
- Responsibility

8. Course Structure (30 Lessons)

The 30 lessons follow six thematic units:

Unit 1 – Number Foundations

Integers, Absolute Value, Decimals, Comparisons, Stewardship Applications

Unit 2 – Fraction Operations

Fraction arithmetic, Real-life stewardship and sharing

Unit 3 – Ratios & Proportional Reasoning

Ratios, Rates, Percents, Rational planning, Fair choices, Responsible living

Unit 4 – Algebra Concepts

Expressions, Variables, Budgeting, Scheduling, Planning with purpose

Unit 5 – Geometry in God’s Creation

Area, Volume, Surface Area, Patterns, Order, Design

Unit 6 – Data, Graphs & Decision-Making

Coordinate Plane, Trends, Real-life modeling, Wise analysis

Each lesson uses the same predictable structure.

9. How to Facilitate Reflection & Discussion

Every lesson includes one or more reflection questions.

Discussion Starters

- “What does today’s Scripture encourage us to practice?”
- “Where did you see perseverance in your math process?”
- “How did math help you make a wise decision in this scenario?”
- “What step required the most discipline?”

Faith-Safe Phrasing

- Use: “growth,” “wisdom,” “choices,” “character,” “responsibility”
- Avoid: theological debates or denominational differences

Sentence Frames

- “The math shows that...”
- “The Scripture reminds me that...”
- “One choice I could make is...”
- “A wise strategy would be...”

10. Supporting Struggling Students

Academic Supports

- Rewatch guided practice
- Use simplified numbers
- Offer manipulatives
- Provide vocabulary sheets
- Give extended time

Faith-Based Supports

- Encourage prayer before tackling difficult tasks
- Highlight Scriptures about perseverance
- Remind students that growth takes time

Emotional Supports

- Celebrate small wins
- Model calm problem-solving
- Encourage stepping away and returning with focus

11. Faith Conversation Guidance

Teachers may encounter questions about Scripture or faith.

Ground all conversations in:

- the provided Scripture
- the lesson's objectives
- Christian character values

Avoid:

- debates
- doctrinal disagreements
- personal theological opinions

Encourage:

- reflection
- encouragement
- kindness
- respectful listening
- application to daily life

Your role is to guide reflection — not to preach or interpret doctrine.

12. Classroom Integration Ideas

Math Warm-Ups

Use reflection questions or Scripture connections.

Project Days

Students turn one authentic task into a short presentation.

Cross-Curricular Connections

- ELA → devotional writing
- Social Studies → decision-making and stewardship
- Bible → character-building themes

Portfolio Building

Students collect reflections and application tasks to demonstrate academic + spiritual growth.

13. Technology & Materials Needed

- Laptop or tablet
- Internet
- Calculator
- Notebook or student journal
- Printer (optional)
- Headphones

14. Teacher FAQs

Q: Do I need special training in theology?

No. All Scriptures and prompts are included.

Q: How long does each lesson take?

20–30 minutes + optional 10-minute reflection.

Q: Can the course be assigned independently?

Yes. It is fully self-directed.

Q: What if a student struggles?

Encourage rewatching, scaffolds, and prayerful reflection.

Q: Are there quizzes?

Authentic tasks and reflections serve as assessments; quizzes may be added if desired.

15. Contact & Support

For assistance or supplemental teacher materials:

 moreinfo@quarantineracism.com