

# Math Principles

GRADES 7-10

## The Math Principles course

creates a **personalized learning path** for students to **review** concepts, **learn** new topics, and **expand** their understanding of the most important mathematical ideas.

### The three part course covers:

Algebra 1

Algebra 2

Geometry

Pre-Calculus



These courses focus on topic mastery and ensure the proper foundations are built so students have **confidence and skills**.

Periodic assessments allow for **adaptive learning paths** to focus on the most needed skills while creating a deeper understanding of other topics.

## How do I start?



Take our **Math Principles Assessment**

Receive an **estimated timeline** for course completion

Complete **adaptive assignments**

Learn **concepts in classes** that meet twice a week

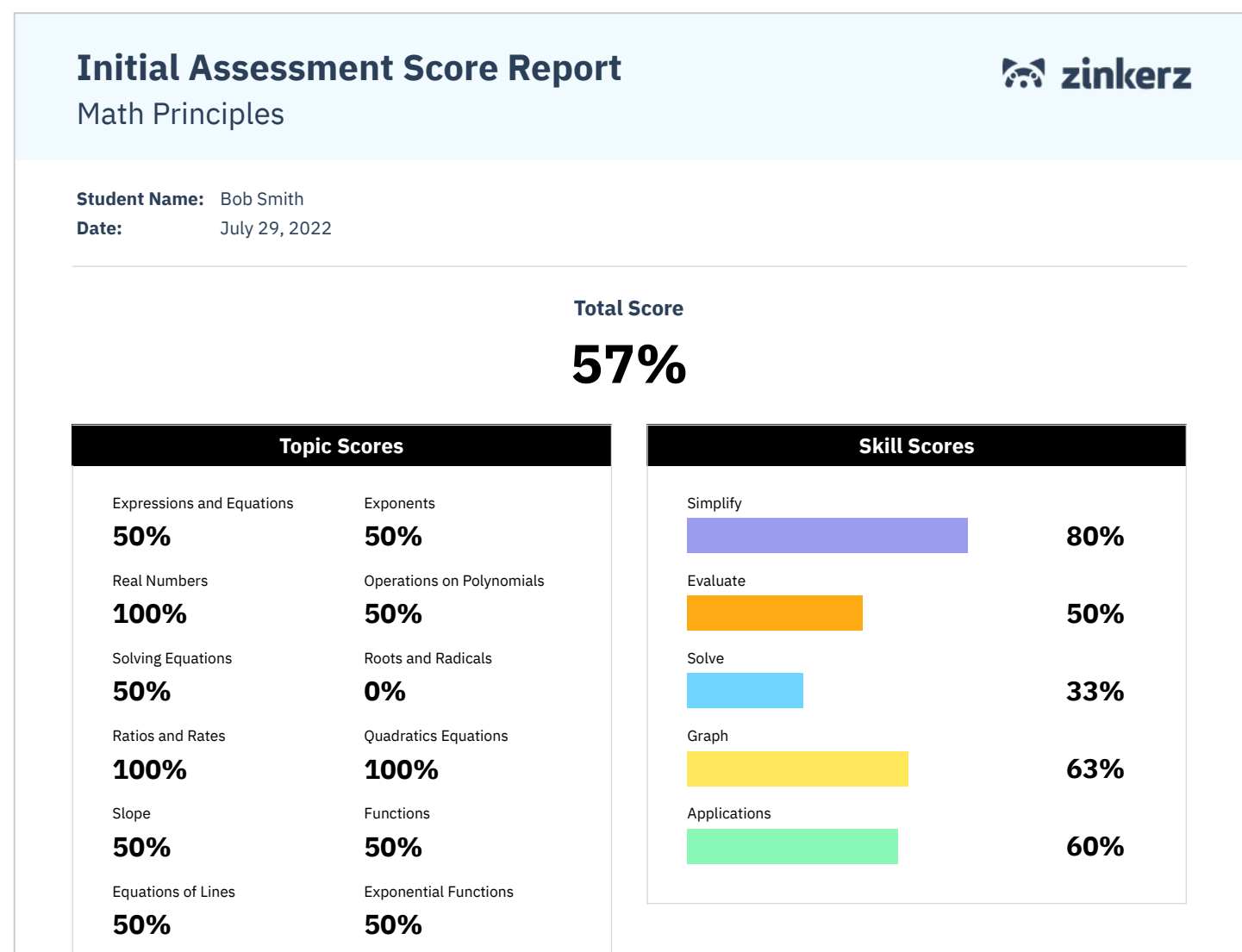
Complete **unit quizzes** to assess topic mastery

Complete a mid-course and end of **course assessment**

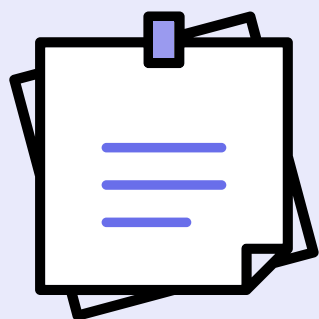


## How is progress measured?

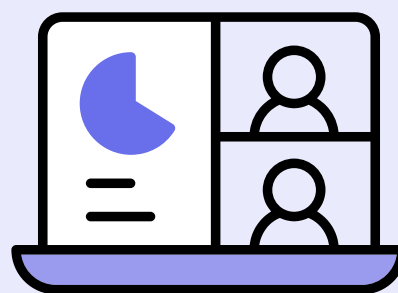
- ✓ In class observations from educators
- ✓ Homework assignments
- ✓ Unit quizzes
- ✓ Mid Module assessments
- ✓ End of Module assessments



## Let's connect about progress!



Monitor progress through **lesson notes and spreadsheets**

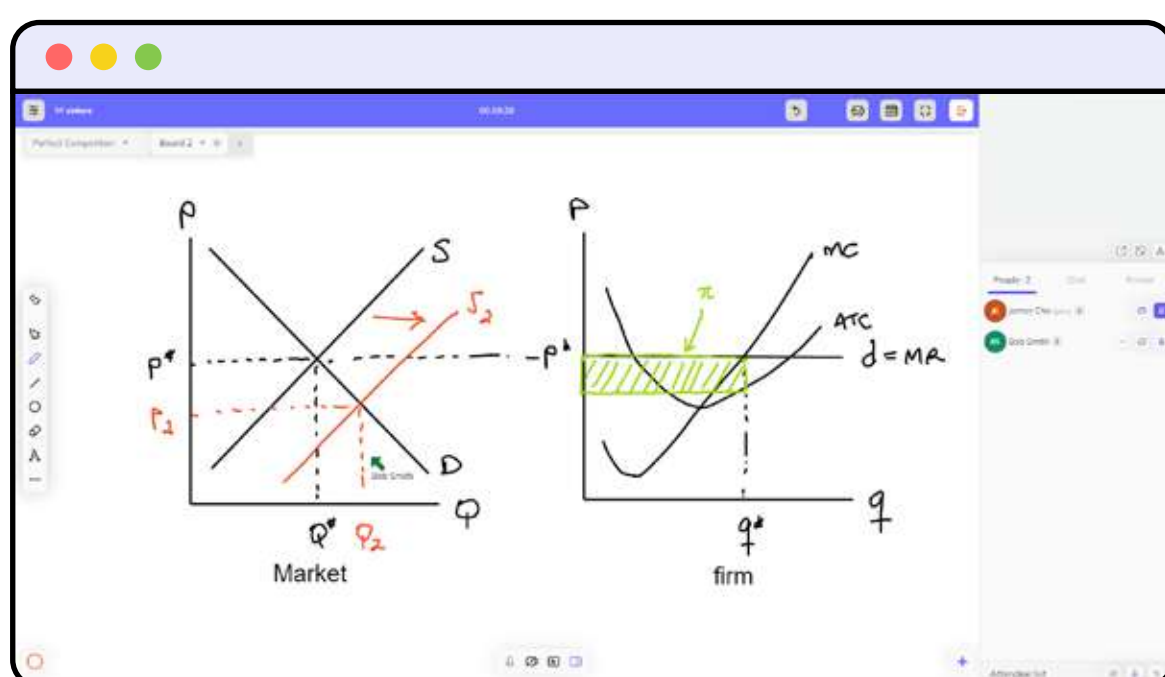


Sign up for **monthly meetings** to discuss your child's progress

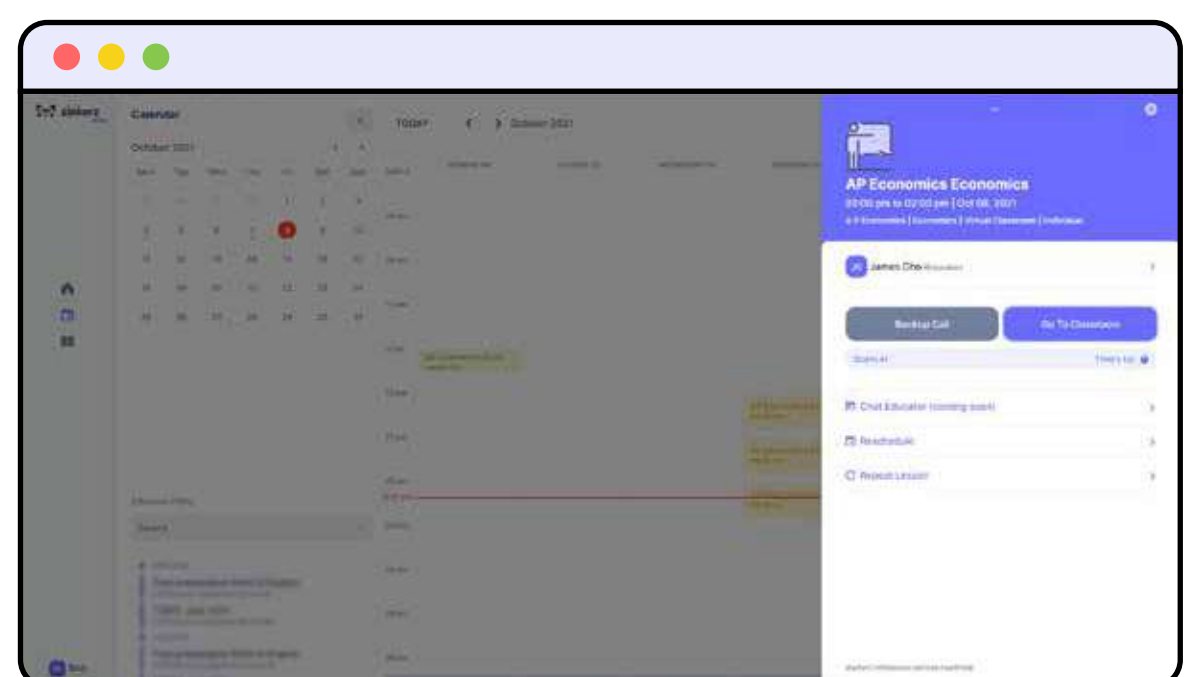


Receive **progress reports** throughout the course

## Everything in One Place



Virtual Classroom



Calendar Platform



## Instruction and Evaluation

### Educators

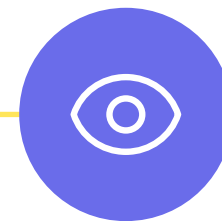


Experienced and carefully selected educators

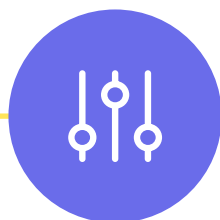
### The Zinkerz Academic Committee



**Meets weekly**  
to review the progress  
of each student



**Reaches out to students**  
if they are not completing  
their work



**Meets with the Educators**  
to discuss each student and adjust individual  
lessons as needed to maximize understanding



**Is available for meetings**  
with any parent



## Modules

### MODULE 1 (6-9 Months)

- Expressions and Equations
- Real Numbers
- Solving Equations
- Ratios and Rates
- Slope
- Equations of Lines
- Graphing Inequalities
- Systems of Equations
- Exponents
- Operations on Polynomials
- Roots and Radicals
- Quadratic Equations
- Functions
- Sequences
- Statistics

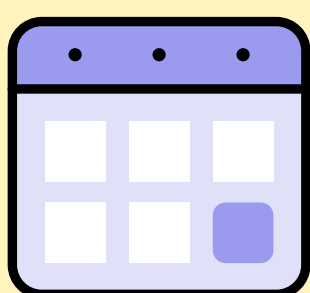
### MODULE 2 (6-9 Months)

- Absolute Value Equations
- Advanced Equations of Lines
- Absolute Value Graphs
- Systems of Inequalities
- Graphing and Solving Quadratic Equations
- Complex Numbers
- Polynomials
- Radical Functions and Inverses
- Exponential and Logarithmic Equations
- Rational Functions and Equations
- Triangles
- Conic Sections
- Matrix Operations

### MODULE 3 (6-9 Months)

- Function Operations
- Graphing Exponential and Logarithmic Equations
- Right Triangle Trigonometry
- Trigonometric Basics
- Graphing Trigonometric Functions
- Solving Trigonometric Equations
- Power Functions and Polynomial Graphs
- Operations on Rational Expressions
- Graphs of Rational Functions

**Get started now!**



**SCHEDULE A  
CONSULTATION**



**TAKE  
ASSESSMENT**