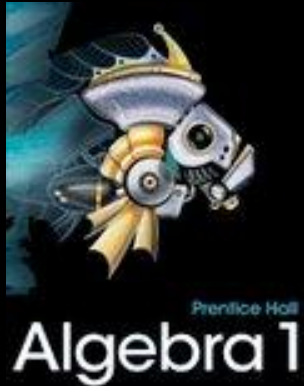
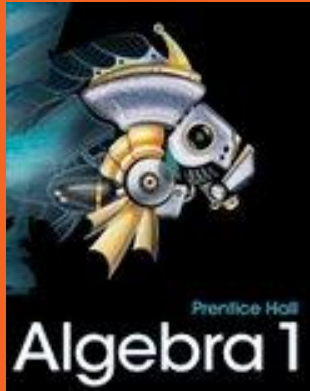
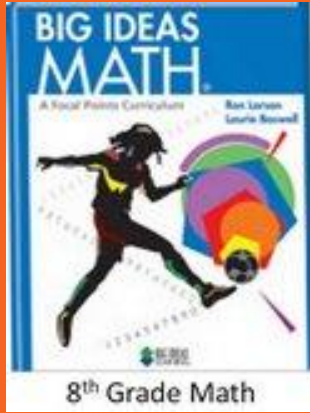


# 8th Grade Math Information



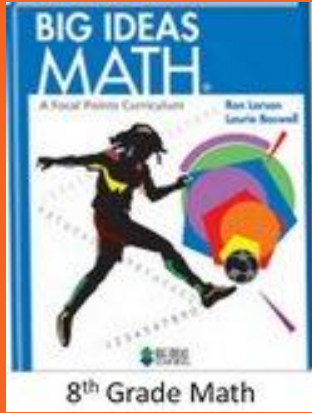
**Liberty Middle School**

---



## What we will discuss tonight...

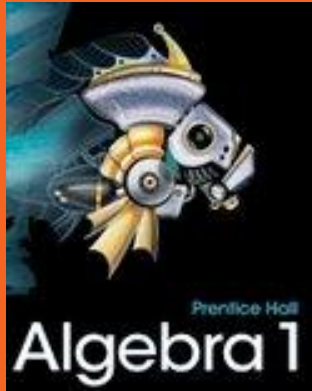
- Introduction of math teachers
  - Content covered in each course
  - Team teaching approach
  - Using the mastery approach to learning
  - Testing Policy
  - How to get help throughout the year
-



# 8th Grade Math Teachers

## 8th Grade Math

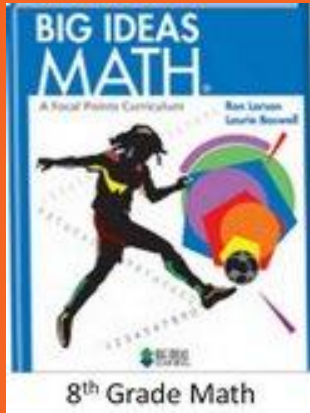
Amber Merrill and Joseph Roberts



## Algebra

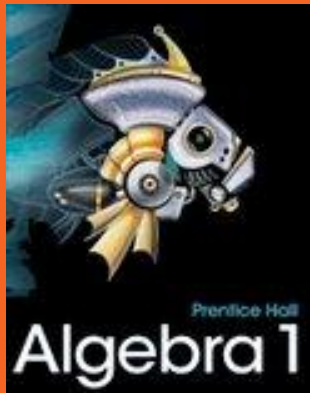
Tilary Curry, Amber Merrill, Nathan Pahman,  
Lory Schieler, and Joseph Roberts

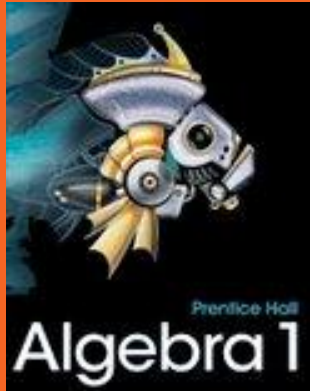
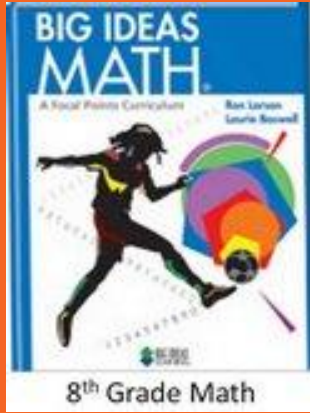
---



## 8th Grade Math Content

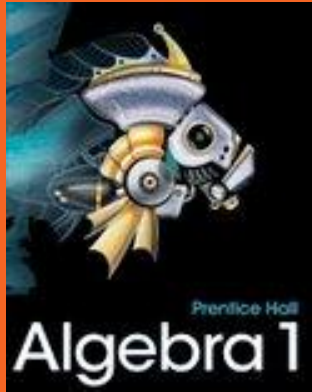
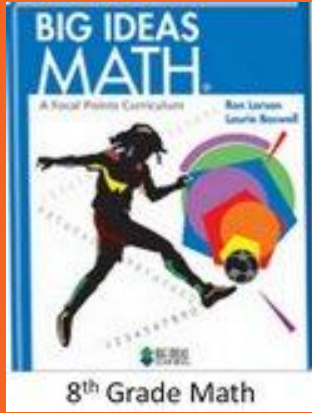
- 8th Grade Math will cover the 8th Grade Course of Study.
- The courses of study can be located at <http://alex.state.al.us/browseMath.php>





# Algebra Content

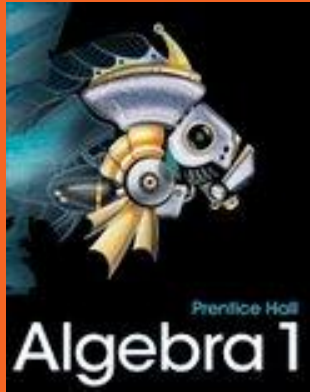
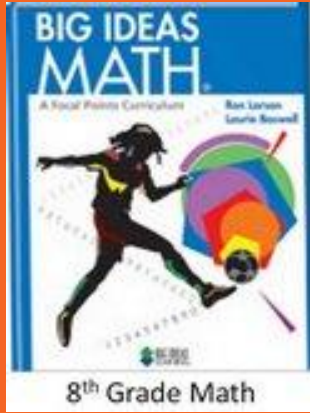
- Algebra will cover the Algebra Course of Study.
  - Grades will have the same breakdown as the high school.
    - 70% Test Category
    - 30% Daily Category
  - The courses of study can be located at <http://alex.state.al.us/browseMath.php>
-



---

## Team Teaching Approach

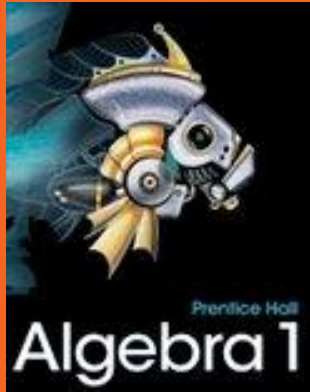
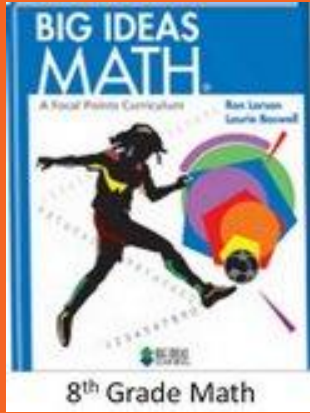
- Your student is assigned a primary teacher on their schedule.
  - Your student will have a secondary teacher who teaches the same course.
  - Teachers will work together and often students will see both teachers in the same day.
  - Students could visit each teacher for help outside of class.
-



---

## Examples of Team Teaching

- Each teacher may have a different activity set up in their classroom and each class will rotate through to complete both activities.
  - Each teacher could focus on a different topic and students be placed in the room which matches their needs for that time.
-



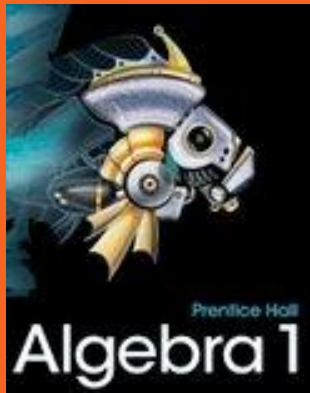
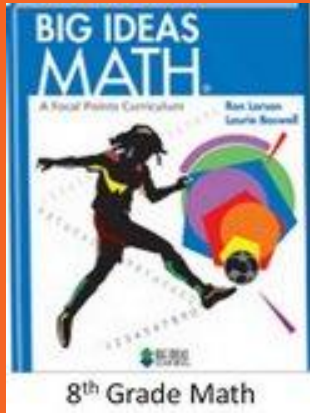
---

# Mastery Approach to Learning

## Why?

- Not all students learn at the same pace.
  - Not all students come in with the same skill set.
  - They are learning foundation skills in middle school and it is important they continue to work on material they struggle with so they can be successful in later classes.
-

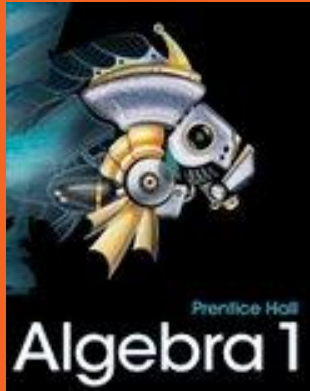
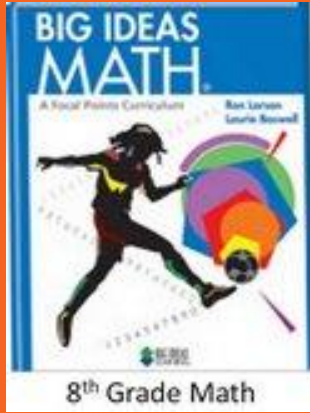




# Mastery Approach to Learning

How have the teachers prepared?

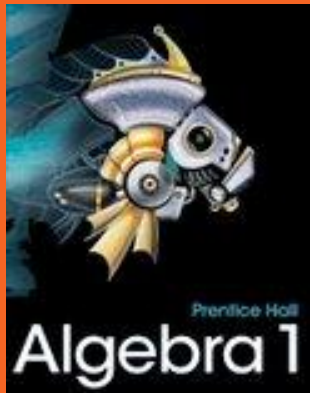
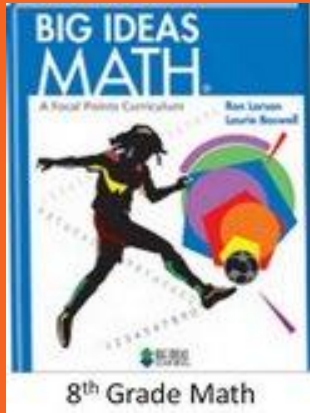
- Last year the teachers unwrapped their standards collaboratively and had deep discussion about the standards.
  - Teachers then created indicators. Think of indicators as bite-sized pieces and standards are a mouth-full!
  - Teachers have created common assessments based on these indicators.
-



# Mastery Approach to Learning

How will it work?

- Students will take Indicator Tests (instead of unit tests).
  - The entire class takes the first Indicator Test on the same day.
  - Students need to receive a 75% on each indicator to achieve mastery. In Algebra classes 80% will be needed to achieve mastery.
-

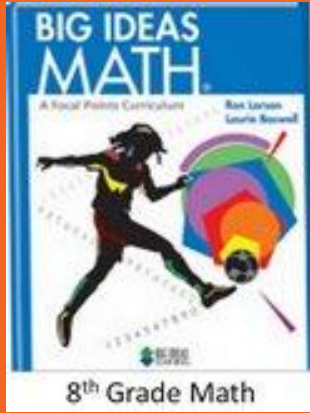


---

# Mastery Approach to Learning

What happens when mastery is not obtained?

- Students will have opportunities to relearn that material in new ways.
  - Students will be able to earn a retake.
  - Retakes are only taken on indicators that they have not reached mastery.
  - Students will have 3 weeks from the initial Indicator Test to take retakes.
  - A retake schedule will be provided.
-



# Mastery Approach to Learning

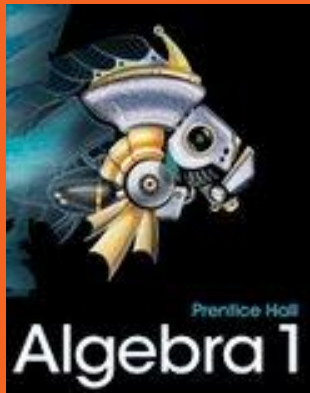
What happens if I just want to improve my grade on an Indicator Test?

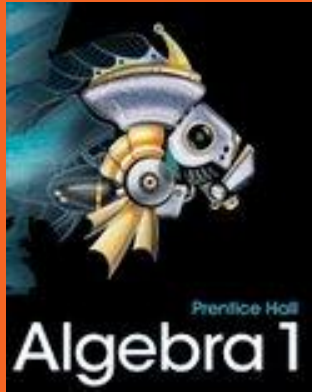
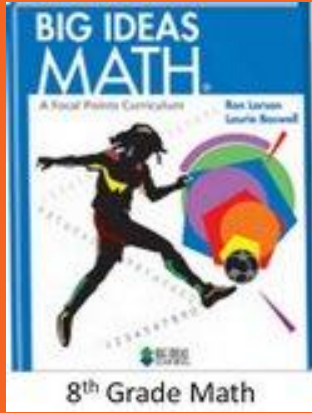
-All students will receive at least 1 retake opportunity per indicator.

-Students not performing at mastery will receive 2 retake opportunities per indicator.

-Students will always keep the highest score per indicator.

---





---

# Mastery Approach to Learning

Will all grades have a chance for retakes?

**RETAKE ALLOWED**

**Indicator Tests**

**RETAKE NOT ALLOWED**

-Multiple Choice

Spiral Review

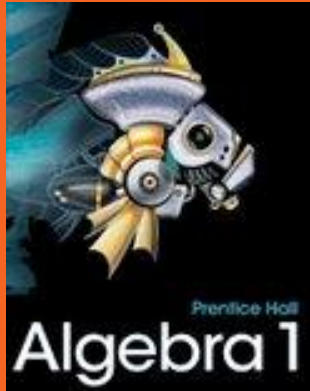
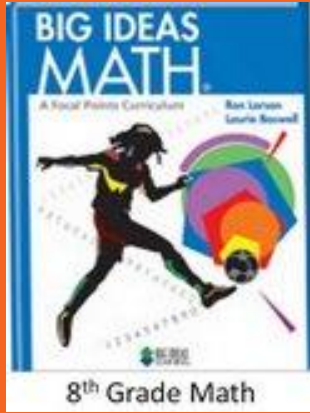
-CDC

-Projects

-Midterm

-Final

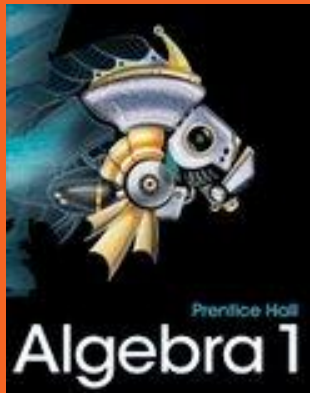
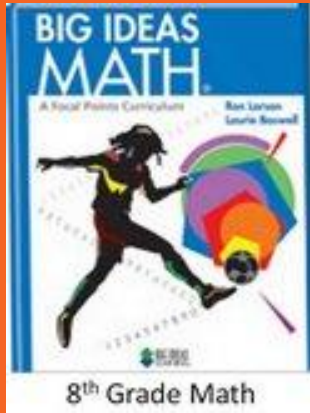
- Daily work will be a blend of quizzes, classwork, and homework depending on your teacher.
-



---

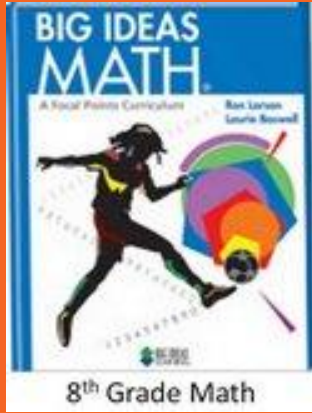
# Testing Policy in 8th Grade Math

- Students will be given a Practice Test that is very similar to the Indicator Tests.
  - Answers to the Practice Test will be given at least 24 hours before the Indicator Test.
  - Students can only take Indicator Tests with a math teacher.
  - The student's primary teacher will keep all of their tests in a folder, that will not go home.
  - The teacher will go over the test with the students in class.
-



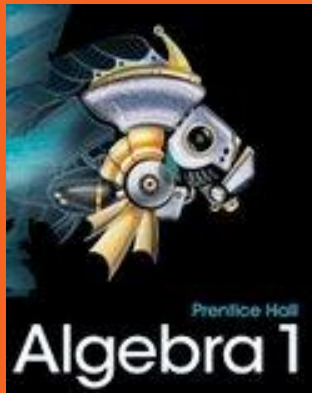
# Testing Policy in Algebra

- Students should refer to daily work and quizzes to study for tests.
  - Students can only take Indicator Tests with a math teacher.
  - The student's primary teacher will keep all of their tests in a folder, that will not go home.
  - The teacher will go over the test with the students in class.
-

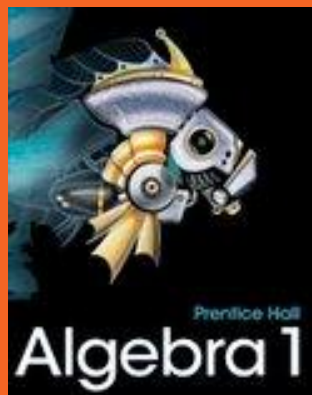
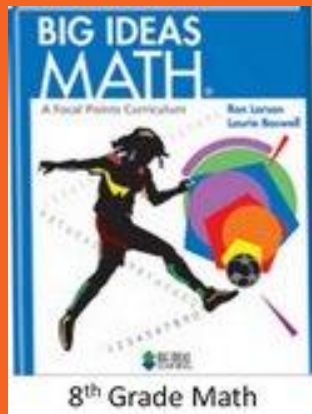


# How to Get Help Throughout The Year

- Teachers will provide a tutoring schedule.
- Please call or e-mail your student's primary teacher if you have a concern.







---

# Questions?

---