

Welcome to Algebra info. Night!

Dr. Chris Camacho- Principal

Mrs. Diane Carter - Asst. Principal

Mr. Steve Conti - Asst. Principal

Math Coach Math Department Chair

Dawn Freeman

Dawnfreeman@ocps.net

407-623-1415

Ext: 5072301

Meet the Teachers

Mr. Joe Barnett – 8th

Mrs. Kimberly Conenna – 7th

Ms. Mariella Rojas - 7th and 8th

Alexa Ruiz – Algebra Workshop

How did I get here?

8th grade students who scored level 3 and above on the 7th grade math FSA

7th grade students who scored high Level 4 and 5 on 6th grade math FSA

WHY?

- Algebra is considered a gateway course for success in high school and beyond.

Is this good?

- Students who successfully take Algebra in middle school have time to take more college prep. math classes in high school.
- Math progression plan: Algebra I, Geometry, Algebra 2, Pre-Calculus, Calculus AB/BC (or Statistics, Analysis of Functions, etc....)

How does this affect my child?

Algebra Honors is a high school course and will be a part of your child's permanent high school transcripts, regardless of the grade they make. Passing Algebra 1 and the EOC is required for graduation.

It will count as 30% of the course grade.

Is this course difficult?

- This is a very rigorous, fast paced high school course.
- Students will have homework (even on weekends, holidays, etc.)
- There will be frequent assessments to monitor progress.

Grades

Students making A's in previous advanced courses may find high school classes require more work to achieve the same result.

Students earning a C or better in Algebra Honors earn an extra point when figuring their high school GPA.

Algebra:

4 points A

3 points B

2 points C

No extra weight for grades below C

Algebra Honors:

5 points A

4 points B

3 points C

Common Core

- New standards began 2014-15
- More rigorous than before
- Deeper understanding
- Students taking Algebra EOC will not take the grade level EOC

EOC

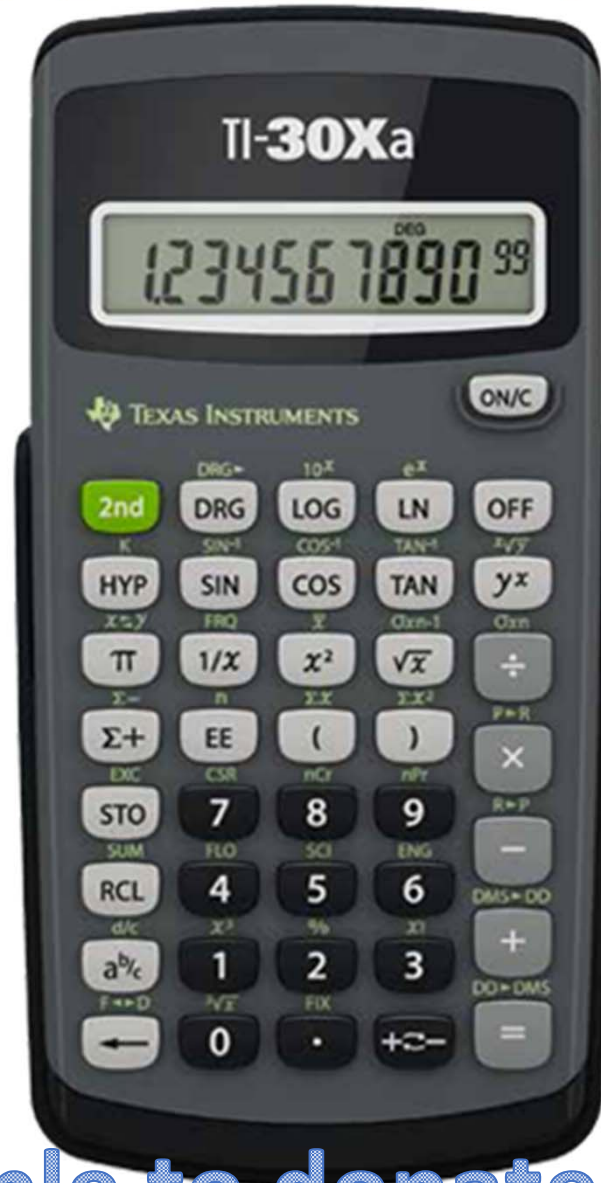
- Two 90 minute sessions given over 2 days (early May)
- Computer based exam
- approx. 68 questions; interactive and open ended.
- Calculator only provided for day 2
- Students will be given a score from level 1-5, with level 3 as a passing score.

TI-30XA

~ \$10

Wont't use
for the 1st
unit....

Need by
September



Target,
Walmart,
Amazon, Offi
ce depot,
Staples, etc.,
online.....

Are you able to donate one for another
student?

Calculator use:

- Calculators will be used (but not for **EVERYTHING!**)
- Calculators will not be allowed on all assessments.

Sample EOC....

2



The product of two numbers is 323 and the difference between them is 2.

What are the two numbers?

Enter each number on a separate line.

← → ↶ ↷ ✕

1	2	3	+	-	•	÷				
4	5	6	<	≤	=	≥	>			
7	8	9	$\frac{\square}{\square}$	\square^\square	\square_\square	()		$\sqrt{\square}$	$\sqrt[\square]{\square}$	π
0	.	-								

Answer:

- 17
- 19

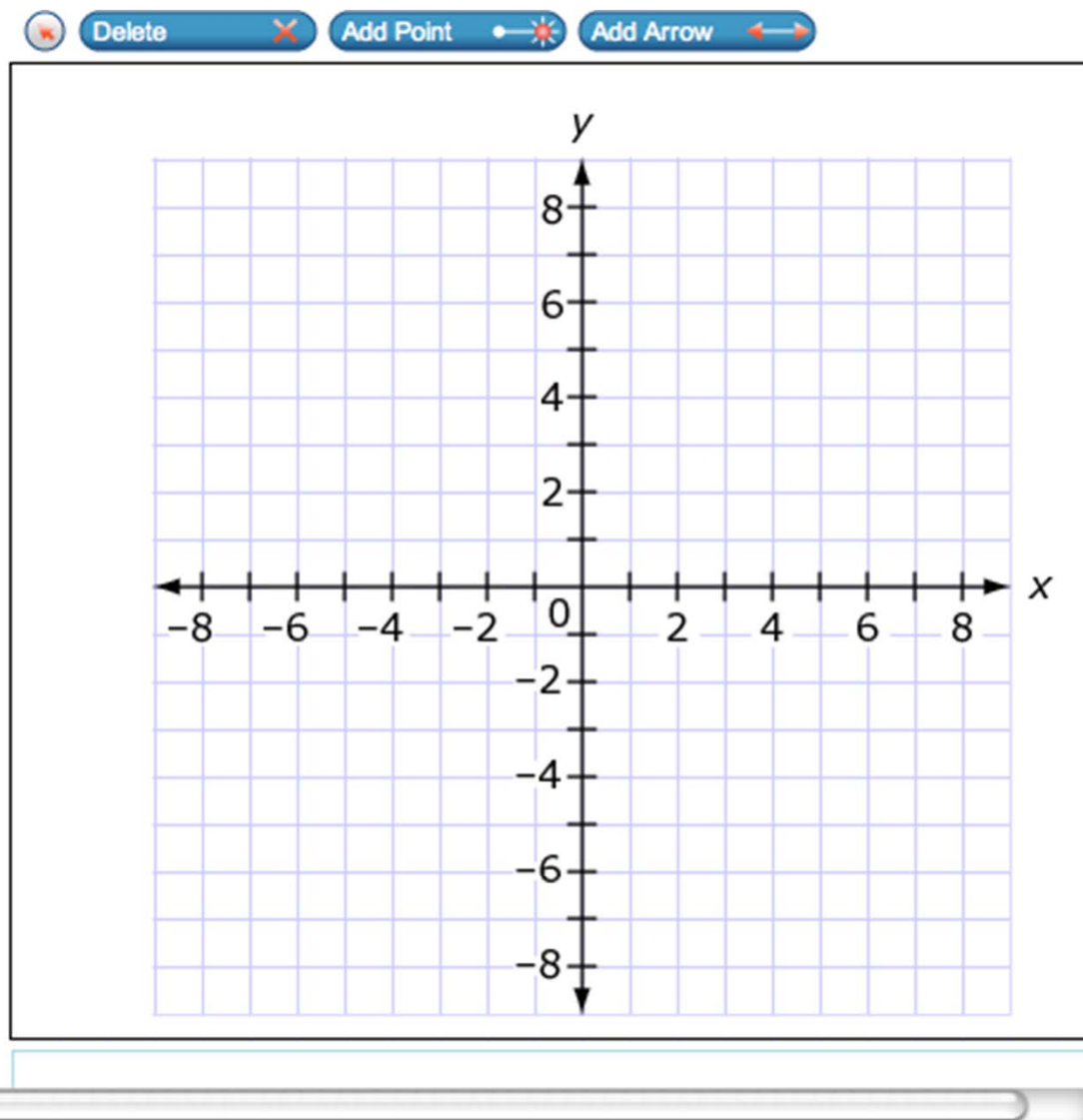
5



A linear function is represented in the table shown.

x	y
-1	-6
1	-2
3	2

Use the Add Arrow tool to draw a line on the coordinate grid that has a greater y -intercept than the function represented by the table and is perpendicular to the function $y + \frac{1}{4}x = 2$



Does every child in algebra earn high school credit?

- Students who pass the class and pass the EOC (level 3 or above) earn high school credit for the course.

What happens if...?

- Students who pass the class, but not the exam: retake opportunity in summer
- Students who fail class, but pass exam will get credit for the course, but failing grade is part of h.s. transcript.
- Students who fail the class, and fail the exam will retake the course next year.

7th grade....

- 7th grade students who fail the course may have to move on to Geometry in 8th grade and will retake this Algebra course in high school.
- Students who pass the course and fail the exam will need to retake the exam and move on to Geometry in 8th grade.

Student Expectations

- Be in class daily (on time)
- Take notes
- Complete work
- Study for quizzes/tests
- Ask for help
- Complete Algebra Nation as assigned

Parent expectations

- Be involved
- Check parent access at least weekly
- Ask your child questions - are they keeping up? Doing homework nightly? Studying? Asking questions?
- Check email updates from teachers and make sure we have current email address

Teacher expectations

- Be Approachable, available, positive
- Demand excellence, maintain rigor
- Use class time efficiently, effectively
- Teach so that all have opportunity to learn
- Answer all questions and help all achieve success!

Grading:

- Assessments: 80%
- Other: 20%

IB grading

You will see items graded for:

Knowledge and understanding

Reflection

Patterns

Math in the real world

Are test retakes allowed?

- Yes, however each teacher may have different requirements for retakes: generally...
- All homework assignments for the chapter must be complete
- Complete assigned remediation work
- Attend at least 1 tutoring session
- Students must retake before/after school at time teacher is available.

Homework

- Homework is assigned to help students practice skills learned. This practice helps them apply and retain the information.
- ALL students must show All work on homework assignments for the assignment to count!
- Please check with your teacher regarding the late work policy.

Supplies?

- Paper
- pencils
- graph paper
- TI-30XA scientific calculator!
- Other supplies may depend on teacher.

Questions?

- ...??