EOC REVIEW DAY 1

AGENDA

Warm-Up

Build Book

Reporting Categories

HW #1-4

REMINDERS

Super Saturday TOMORROW

Unit 10 Test Corrections due Friday 5/2

WARM UP

Turn in 6.2 RIGHT NOW!!

Pick up a "Defeat the EOC" book. Write your name and period on the front.

Using your data from the simulation, fill out the first page. Color in questions that you got correct (have a * on them).

If you did not take the sim: you will take a mini-test to see your strong and weak reporting categories.

DEFEATTHE EOC BOOK

EOC Simulation Analysis

Name: _____ Score: _____

	RC1	RC2	RC3	RC4	RC5
	4	1	5	3	2
	8	6	7	12	11
	18	9	10	16	15
	25	13	14	23	19
	32	20	17	31	24
	35	22	21	37	28
	42	29	26	45	34
	51	36	27	52	40
		38	30	61	41
		43	33	63	46
		48	39		49
		53	44		56
		54	47		
			50		
			55		
			57		
			62		
# Correct	/8	/13	/17	/10	/12
Percentage Correct					

My best reporting category is:

My worst reporting category is:

DATA ANALYSIS

Count the number correct in each column.

To calculate percentages:

#Correct divided by #total times 100

Fill in your best and worst reporting categories based on the percentage correct.

SUPER SATURDAY

If you got a green invite or feel you need more help preparing for the EOC:

Arrive at the front doors of the school by 8:45AM so you can be assigned a room and get breakfast.

PLEASE BRING YOUR CALCULATOR, SOMETHING TO WRITE WITH, AND YOUR BRAIN.

There will be 3 sessions. The last session ends at 11:30 and pizza will be served.

If you do not attend, you will be required to attend the (no-food) Wednesday session on 4/30 from 4:30-6:30PM.

DEFEAT THE EOC BOOK

This book will be worth a quiz grade. You will turn it in (completed) on May 9th even if you have already taken your EOC in the past.

Notes & activities will be completed on the front page of each tab and practice (usually for homework) will be stamped daily.

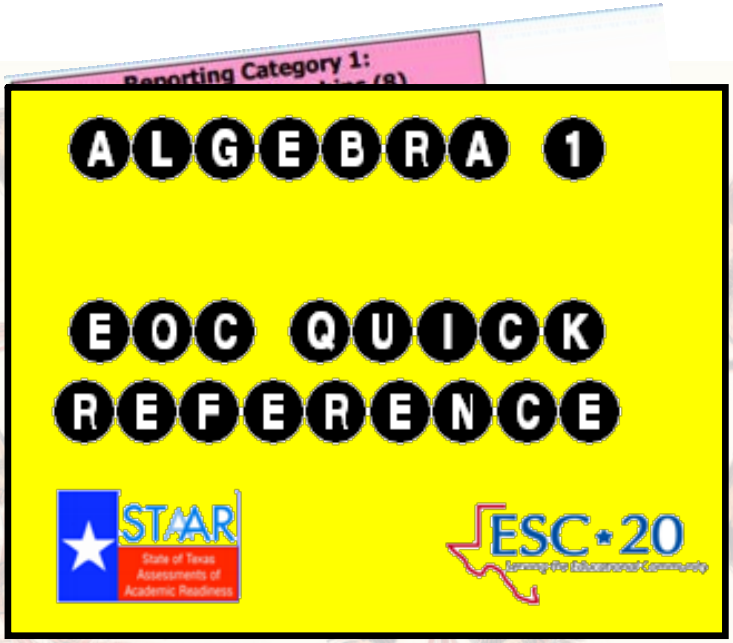
On each page, cut along the dotted lines to form your tabs. There are 8 in all. PLEASE THROW AWAY ANY TRASH.

DEFEATING THE EOC BOOK

REPORTING CATEGORIES (TEKS)

Paper Patrol: Get one white and one yellow half sheet for each person at your table.

Make a booklet. Yellow goes on outside.



Glue onto the top half of tab 1.

CATEGORY 1

REPORTING CATEGORIES (TEKS)

Using our notebooks, we are going to "unpack" these standards. You will decide which unit each reporting category/TEK is found in. There may be multiple places!

Reporting Category 1: Functional Relationships (8)		
A.1A	SS	describe independent and dependent quantities in functional relationships
A.1B	SS	gather and record data and use data sets to determine functional relationships between quantities
A.1C	SS	describe functional relationships for given problem situations and write equations or inequalities to answer questions arising from the situations
A.1D	RS	represent relationships among quantities using [concrete] models, tables, graphs, diagrams, verbal descriptions, equations, and inequalities
A.1E	RS	interpret and make decisions, predictions, and critical judgments from functional relationships

multiple representations

CATEGORY 2

Reporting Category 2: Properties and Attributes of Functions (12)		
A.2A	SS	identify and sketch the general forms of linear $(y = x)$ and quadratic $(y = x^2)$ parent functions
A.2B	RS	identify mathematical domains and ranges and determine reasonable domain and range values for given situations, both continuous and discrete
A.2C	SS	interpret situations in terms of given graphs or create situations that fit given graphs
A.2D	RS	collect and organize data, make and interpret scatterplots (including recognizing positive, negative, or no correlation for data approximating linear situations), and model, predict, and make decisions and critical judgments in problem situations
A.3A	SS	use symbols to represent unknowns and variables
A.3B	SS	look for patterns and represent generalizations algebraically
A.4A	RS	find specific function values, simplify polynomial expressions, transform and solve equations, and factor as necessary in problem situations
A.4B	SS	use the commutative, associative, and distributive properties to simplify algebraic expressions
A.4C	SS	connect equation notation with function notation, such as $y = x + 1$ and $f(x) = x + 1$

domain & range

simplify/ evaluate

units

evaluate

$y = f(x)$

CATEGORY 3

Reporting Category 3: Linear Functions (15)		
A.5A	SS	determine whether or not given situations can be represented by linear functions
A.5B	SS	determine the domain and range for linear functions in given situations
A.5C	RS	use, translate, and make connections among algebraic, tabular, graphical, or verbal descriptions of linear functions
A.6A	SS	develop the concept of slope as rate of change and determine slopes from graphs, tables, and algebraic representations
A.6B	RS	interpret the meaning of slope and intercepts in situations using data, symbolic representations, or graphs
A.6C	RS	investigate, describe, and predict the effects of changes in m and b on the graph of $y = mx + b$
A.6D	SS	graph and write equations of lines given characteristics such as two points, a point and a slope, or a slope and y-intercept
A.6E	SS	determine the intercepts of the graphs of linear functions and zeros of linear functions from graphs, tables, and algebraic representations
A.6F	RS	interpret and predict the effects of changing slope and y-intercept in applied situations
A.6G	SS	relate direct variation to linear functions and solve problems involving proportional change

Lines

Slope

R mult. representation

meaning

formulas

x-int.

CATEGORY 4

Reporting Category 4: Linear Equations and Inequalities (10)		
A.7A	SS	analyze situations involving linear functions and formulate linear equations or inequalities to solve problems
A.7B	RS	investigate methods for solving linear equations and inequalities using [concrete] models, graphs, and the properties of equality, select a method, and solve the equations and inequalities
A.7C	SS	interpret and determine the reasonableness of solutions to linear equations and inequalities
A.8A	SS	analyze situations and formulate systems of linear equations in two unknowns to solve problems
A.8B	RS	solve systems of linear equations using [concrete] models, graphs, tables, and algebraic methods
A.8C	SS	interpret and determine the reasonableness of solutions to systems of linear equations

writing equations

solving equations

systems

CATEGORY 5

Reporting Category 5: Quadratic and Other Nonlinear Functions (9)		
A.9A	SS	determine the domain and range for quadratic functions in given situations
A.9B	SS	investigate, describe, and predict the effects of changes in a on the graph of $y = ax^2 + c$
A.9C	SS	investigate, describe, and predict the effects of changes in c on the graph of $y = ax^2 + c$
A.9D	RS	analyze graphs of quadratic functions and draw conclusions
A.10A	RS	solve quadratic equations using [concrete] models, tables, graphs, and algebraic methods
A.10B	SS	make connections among the solutions (roots) of quadratic equations, the zeros of their related functions, and the horizontal intercepts (x-intercepts) of the graph of the function
A.11A	SS	use patterns to generate the laws of exponents and apply them in problem-solving situations
A.11B	SS	analyze data and represent situations involving inverse variation using [concrete] models, tables, graphs, or algebraic methods
A.11C	SS	analyze data and represent situations involving exponential growth and decay using [concrete] models, tables, graphs, or algebraic methods

Quadratics

a → wider

c → moves

exponents

Default Title

Using the yellow books, locate in which unit each of the TEKS are. Make note in the table at the bottom of the page.

Please notice that some units cover a LOT of TEKS!

Reporting Category	Which unit(s) can I find this topic in?
1	2, 3, 4, 6, 9, 10
2	1, 2, 3, 5, 6, 7, 8, 9, 10
3	3, 4, 10
4	1, 3, 4, 6
5	7, 8, 9, 10

Defeat the EOC

You will now use your individual data and knowledge of what will be tested to complete the 4 question on the back of the "1 tab". Every question must be answered in complete sentence(s).

If you have already taken your EOC, answer every question in terms of what you will do to do well on your final exam in Algebra I

1. What steps will you take in order to be successful on the EOC?

2. What topic(s) do you need to focus on?

3. What can you do outside of class to study for your EOC?

4. Remember you will also be taking your Biology EOC. Below, create a *realistic* study schedule for the next few weeks.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					25	26
27	28	29	30	1	2	3
4	5	6 BIOLOGY STAAR	7	8 ALGEBRA 1 STAAR		

UNIT 10

AVERAGES:

2nd - 78

3rd - 72

4th - 74

5th - 72

7th - 64

Test corrections and ALL late HW (5.7, 6.1, or 6.2) are all due Friday 5/2 by 9AM