

Beyond Bells & Whistles: The Relentless Structure that Fosters Dramatic Achievement

Zap The Gap
San Mateo County
Office of Education
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The Education Trust—West

Nice workshop title...
...what's it mean?

structure > strategies

structure > strategies

- Build positive classroom culture purposely
- Establish rigorous goals ambitiously
- Teach incrementally
- Track performance transparently
- Celebrate & reward improvement constantly

Theme

Big Goals

Units

(monthly or quarterly)

Skills & Strategies

(weekly)

Objectives

(daily)

3-in-1

Big Goals

Units

(monthly or quarterly)

Skills & Strategies

(weekly)

Objectives

(daily)

Are You On The College Track?

Big Goals

Units

(monthly or quarterly)

Skills & Strategies

(weekly)

Objectives

(daily)

Theme

Why?

- Urgency, seriousness, and ambition
- High expectations
- Builds positive class culture
- Transforms management

How?

- Assessed once
- 2 quintile growth CST
- 3 years of growth
Brigance
- Readiness for Algebra (8th) or Geometry (9th)
- Mastery of 2 High Point levels

3 in 1

LEE MATHSON MIDDLE SCHOOL



HONOR THROUGH EXCELLENCE

Dear Parents & Families:



In my class we improve our reading, writing, and English. There is homework every night, and I never let students do homework during class. All students must read 1/2 hour a day.

My name is Mr. Betlach and I teach Language Arts. This is my sixth year at Lee Mathson, and I am excited to begin. This is a school that continues to improve, a place where all students will excel.



Our Big Goal is to improve three academic years in one school year. Why 3 in 1? Many students are starting this school year below grade level. We need to catch up and move forward quickly, to prepare for high school and college.



To achieve our goal, we will need to...

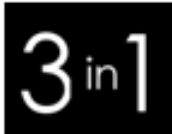
With much respect,

Mr. Betlach

...do less of this

...and more of this.

SKILL QUIZ
3 in 1 lives here



Then write the letter of the best definition.

2) A **memento** is a –

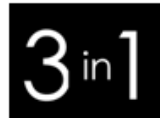
- A. wall
- B. hero
- C. souvenir
- D. landscape

4) A **monument** is usually built out of –

- A. sand
- B. stone
- C. paper
- D. water

6) A **mural** is a –

A list of missing soldiers



THINK SHEET
Why Am I Here?

Complete heading in the top right-hand corner. Answer every question in complete sentences. Failure to write in complete sentences will require you to repeat

in this class. Circle the expectation you chose to violate.

Be prepared.

Be polite.

Violate that expectation.

Are You on
the College
Track?

ARE YOU ON THE COLLEGE TRACK?

1. Students can represent decimals in words.
Directions: Write the following decimals in words.

a. 4.05: _____

b. 60.073: _____

2. Students can represent fractions as decimals.
Directions: Write the following fractions as decimals. SHOW WORK and box in your answer.

a.

b.

3. Students can simplify fractions.
Directions: Write the following fractions in si

ARE YOU ON THE COLLEGE TRACK?

Ms. Ferry

8th grade Math HW:

IC:

Name:
Period:
Date:

STEP UP, JAGUAR! To step up this week, I will

	Homework	Grade	Participation	Effort	Presence/preparedness	(MEAN) Average
	What is the homework tonight?	What do I deserve on yesterday's homework?	How many times did I raise my hand today?	Did I try my ABSOLUTE HARDEST today?	Was I present, prompt, and prepared?	How did I perform overall?
Monday*		/4	/4	/4	/4	
Tuesday*		/4	/4	/4	/4	
Wednesday*		/4	/4	/4	/4	
Thursday*		/4	/4	/4	/4	
Friday*		/4	/4	/4	/4	
WEEK						

Theme

1. Improve reading 2 levels
2. Improve writing 1 point
3. Read 180 words/ minute
4. Master 80% Skills

Units (monthly or quarterly)

Skills & Strategies (weekly)

Objectives (daily)

Theme

1. Improve 2 grade levels in computational math
2. Advance 2 quintiles on CST
3. 80% Mastery average

Units (monthly or quarterly)

Skills & Strategies (weekly)

Objectives (daily)

Big Goals

Why?

- Operationalize the theme
- High Expectations

How?

- Student-based
- Measurable
- Assessed 4-5 times
- Cumulative and growth-based
- Progress is transparent
- Students self-monitor
- Reward progress

Objectives:

SKILL NOTES:
Characterization



	Definition/ Notes	Example	What does that quote tell you about the character?
DIRECT		Darius is a little stupid.	
INDIRECT:		Ricardo wore black pants and a black shirt. His hair was dyed black	

Objective Questions:



SKILL NOTES: _____

2. Definition of complex sentences

2. Independent clause

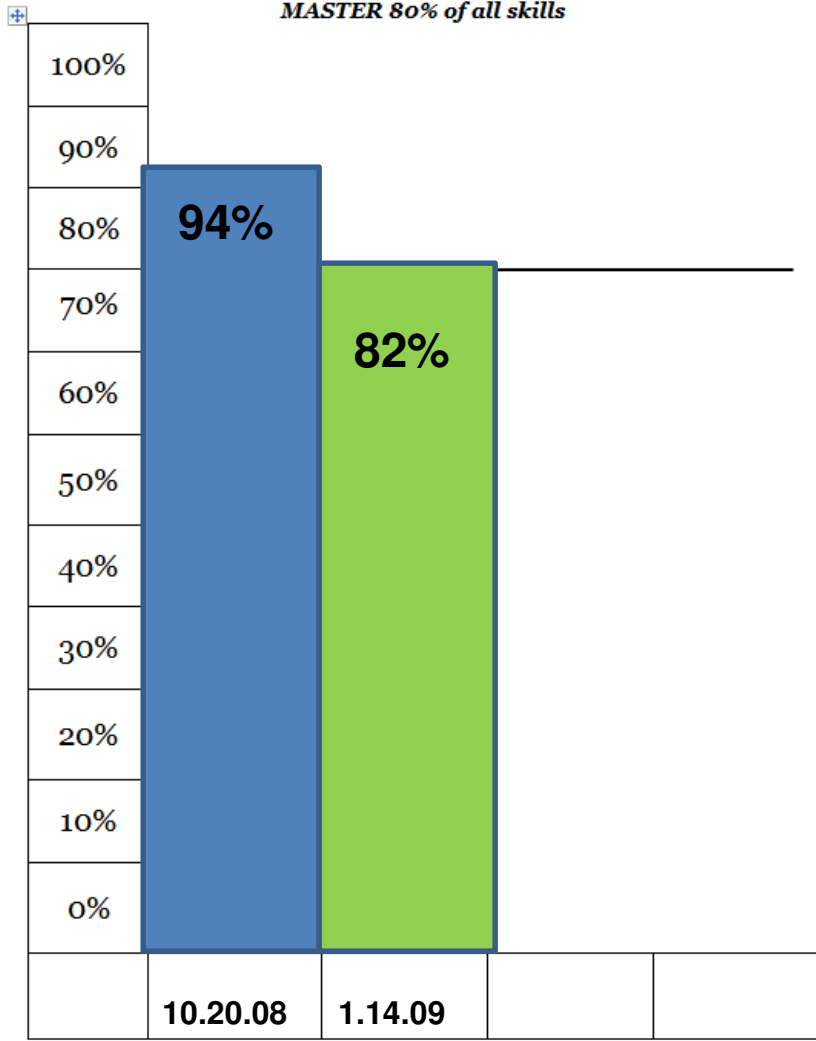
3. A complex sentence has one clause and one clause.

3. It is a sentence and the same as .

3. If we want to succeed, we need to work hard.

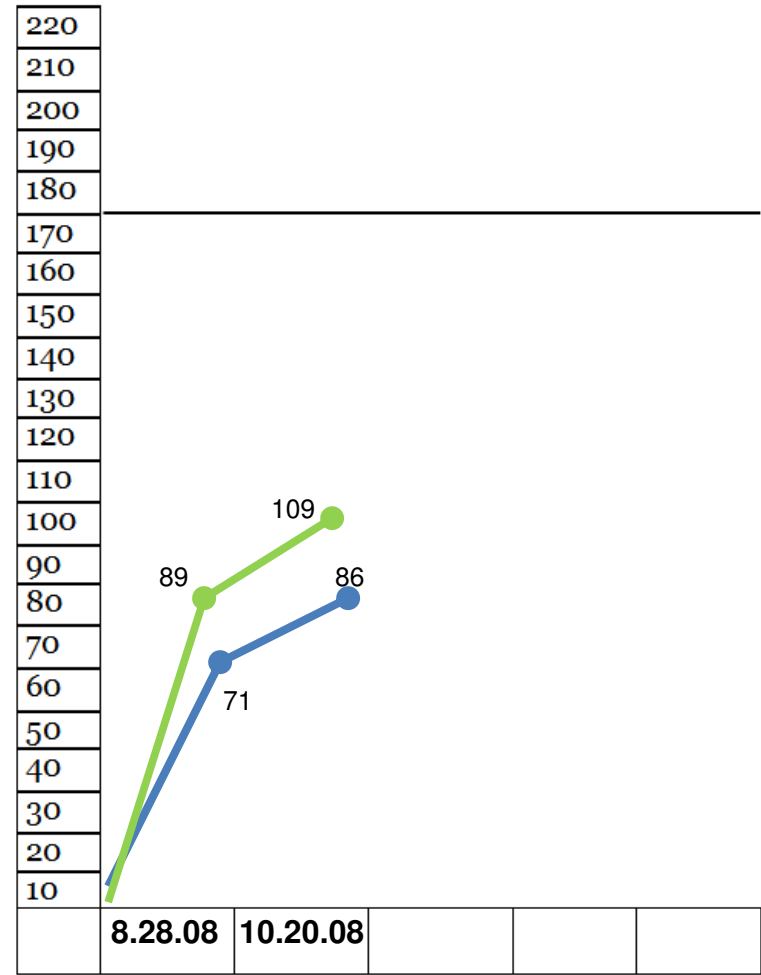
3. Many people felt sad after the game.

BIG GOAL #2
MASTER 80% of all skills



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BIG GOAL #4
Read 180 word per minute



©Kilian Betlach

Theme

Big Goals

1Q: a. Write a sentence

b. Diagram plot

2Q: a. Write a paragraph

b. Demonstrate mastery of ARS

3Q: a. Write persuasive essay

b. Write a response to literature

4Q: a. Analyze literature (P.O.V., theme, characterization, figurative language)

Skills & Strategies (weekly)

Objectives (daily)

Theme

Big Goals

1Q: Represent a number 10 ways

Compute four operations

2Q: Number concepts

Algebra (part I)

3Q: Algebra (part II)

Problem solving with percents and proportions

4Q: Geometry

Skills & Strategies (weekly)

Objectives (daily)

Units

Why?

- This is why we practice
- Thematic structure
- Gateways and benchmarks

How?

- Assessed monthly or quarterly
- Sit-and-perform
(test, project, etc)

or:

- Cumulative
(measurement of total work product)

Unit 1: REPRESENT and NUMBER CONCEPTS

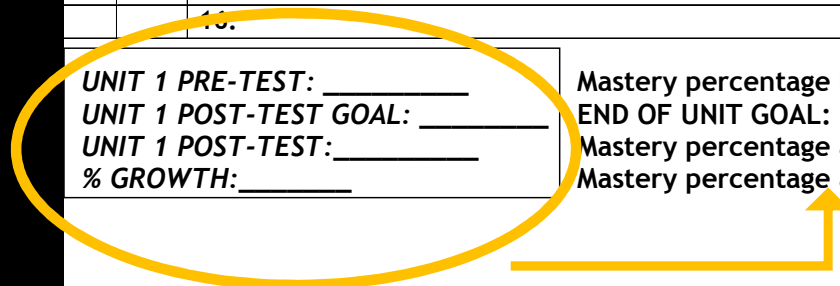
I CAN...

I demonstrated mastery on...
(quiz or test & date)

	1. Represent decimals in words.	
	2. Represent fractions and mixed numbers as decimals.	
	3. Simplify fractions.	
	4. Represent decimals as simplified fractions.	
	5. Represent fractions and decimals as percents.	
	6. Represent percents as fractions and decimals.	
	7. Represent fractions, decimals, and percents on a grid.	
	8. Represent fractions in equivalent forms.	
	9. Represent numbers in 10 ways!	
	10. Find the absolute value of a given number.	
	11. Differentiate between rational and irrational numbers.	
	12. Write numbers in Scientific Notation.	
	13. Convert numbers from scientific notation to standard form.	
	14. Find the square root of perfect and imperfect squares.	
	15.	
	16.	

UNIT 1 PRE-TEST: _____
UNIT 1 POST-TEST GOAL: _____
UNIT 1 POST-TEST: _____
% GROWTH: _____

Mastery percentage before unit:
END OF UNIT GOAL:
 Mastery percentage after quizzes:
 Mastery percentage after unit:



Theme

Big Goals

Units (monthly or quarterly)

1Q: [a] Nouns (singular & plural)
Nouns (proper & common)
Verbs (action & being)
Adjectives & Adverbs
Conjunctions
Subject
Predicate
Evil Run-Ons

Objectives (daily)

Skills & Strategies

Why?

- Monday = first $\frac{1}{2}$ of new material
- Tuesday = practice & review
- Wednesday = second $\frac{1}{2}$ of new material
- Thursday = practice & review
- Friday = assess & extend

How?

- Assessed weekly
- Mastery based assessment
- Students track progress
- Allow multiple opportunities for mastery
- Masters vs. Ph.D

Theme

Big Goals

Units (monthly or quarterly)

Skills & Strategies (weekly)

Students Will Be Able To:

- define *singular*
- define *plural*
- rewrite singular nouns as plural and plural nouns as singular

Theme

Big Goals

Units (monthly or quarterly)

Skills & Strategies (weekly)

Students Will Be Able To:

- define *percent*
- make a connection to the root *cent*
- represent a decimal as a percent
- represent a fraction as a percent

Daily Objectives

Why?

- Student-based, measurable outcomes that drive instruction
- Scaffolded to smallest possible unit of knowledge
- Communicated to students

How?

- Assessed throughout the lesson
 - (whiteboards, responders, targeted questioning, thumbs, dyads)
- Assessed at the end of lesson
 - (exit slips, closers, dyads, summary w/o words, targeted questioning)

ARE YOU ON THE COLLEGE TRACK?

Ms. Ferry
8th grade Math

HW: IC:

Name:
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STEP UP, JAGUAR! To step up this week, I will

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Thursday*		/4	/4	/4	/4	
Friday		/4	/4	/4	/4	
WEEK						
GPA:						

Did I STEP UP and achieve my goal this week? Why or why not? Please begin with, "Yes, I achieved my goal because..." or "No, I did not achieve my goal this week because..."

To step up next week, I will

*To receive any points for participation, effort, or presence/preparedness, you must be present.

DO NOW!

/4 MONDAY OBJECTIVE: By the end of today, I will be able to	
1.	2.
3.	4.
YES / NO	CLOSER:

ARE YOU ON THE COLLEGE TRACK?

/4 **TUESDAY OBJECTIVE:** By the end of today, I will be able to

1.	2.
3.	4.

YES / NO	CLOSER:
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/4 **WEDNESDAY OBJECTIVE:** By the end of today, I will be able to

1.	2.
3.	4.

YES / NO	CLOSER:
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/4 **THURSDAY OBJECTIVE:** By the end of today, I will be able to

1.	2.
3.	4.

YES / NO	CLOSER:
----------	---------

/4 **FRIDAY OBJECTIVE:** By the end of today, I will be able to

1.	2.
3.	4.

Theme

Big Goals

Units

(monthly or quarterly)

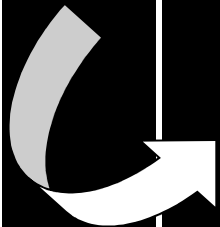
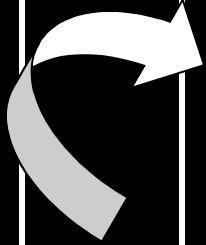
Skills & Strategies

(weekly)

Objectives

(daily)

relationships



Irreversibility

To close the achievement gap,
we must first erase the distance
between the educators we are,
and the educators they need us
to be.

Kilian Betlach

The Education Trust—West

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