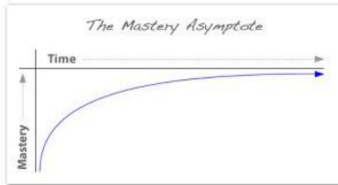


## Assessment Matrices

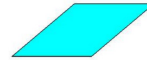


## "Mastery Topics"

2014 Braves Engage PD Days  
Paul Christen  
Mandan HS  
mrchristen.weebly.com

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# WHAT'S HAPPENING HERE?



What are "mastery topics" and how we determine what ours are?



What are assessment matrices and why would we want to use them?

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## Mastery Topics

### Other names

-aka Learning Goals, Essential Learnings

### What are they?

-What the student NEEDS to know, or master, from your class  
-standards based

### How many should you have?


-In a 9 week period, you should have 3-8 topics

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## What is a learning goal (essential learning)?

- A learning goal is a statement of what students will know or be able to do.
- Emphasizes the knowledge or skills students would potentially gain.

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## Mastery Topics

How do I determine what my "mastery topics" are?

- Common Core Standards
- Discussions with teachers of same grade level/class
- Discussions with teachers of grade levels/classes above and below

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## Assessment Matrices

What is an assessment matrix?

-A rectangular array of data gained from an assessment

Why have assessment matrices?

- helps clarify your teaching goals and what you want students to learn
- provides credible evidence regarding whether or not learning goals have been achieved
- provides specific feedback on what is working and not working

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## Assessment Matrices

What kinds of assessment matrices are there?

- Whole/Class
- Individual

How can I make an assessment matrix?

- spreadsheet(Excel)
- word processing(Word)

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Example(whole/class)

First Grade Matrix-Language Arts

STUDENT	Reading Literature			Reading Informational Text			Reading Foundational Skills		
	T1	T2	T3	T1	T2	T3	T1	T2	T3
1									
2									
3									
4									
5									
6									
7									
8									
9									

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Example(individual)

General Math

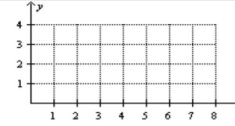
Name	Topic	Test #1	Test #2	Test #3	Test #4	Test #5	Test #6	Test #7	Test #8	Test #9	Test #10
	Evaluate Powers										
	Perimeter										
	Area										
	Add or Subtract Fractions										
	Multiply or Divide Fractions										
	Fractions→Decimal										
	Decimal↔%										
	Add Integers										
	Subtract Integers										
	Multiply Integers										
	Divide Integers										
	Total Score										

Example(individual)

Algebra 2

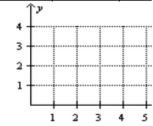
Solve a linear equation in one variable

1	2	3	4
5	6	7	8



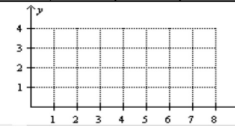
Add and subtract polynomials

1	2
5	6



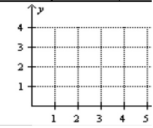
Solve a system of equations algebraically

1	2	3	4
5	6	7	8



Solve a quadratic equation

1	2
5	6



Example(individual)

Algebra 2 - Unit 1

Name	Put an X if you answered all questions of a topic correctly.		
Mastery Topic	Pre-Assessment	Mid-Assessment	Post-Assessment
#1 Real #'s			
#2-4 Properties			
#5-7 +, - Poly			
#8-9 Solve linear =			
#10-11 Literal =			
#12			
#13			
#14 #38-39 Graph Quad.			
#15 #40-41 Factor Quad.			
#42 Solve Quad.			
Topics Mastered(out of 20)			
Total Score(out of 42)			

Example(whole/class) - Mastery Topics

SAVE	1st Alg2	2nd Alg2	3rd Alg2	4th Alg2	5th Alg2	6th GM	7th GM	8th Goals
025 #1	0.28	0.9	.35	.38	2.23	3.43		#1 1
2 #2	2.82	3.20	1.95	2.58	4.27	4.40		#2 2
3 #3	3.06	3.64	2.91	3.14	4.08	4.92		#3 2.5
4 #4	3.06	3.10	2.90	3.20	3.67	4.67		#4 3
5 #5	4.72	5.25	4.77	4.93	5.83	5.79		#5 4
6 #6	5.78	5.64	5.06	5.40	5.92	5.73		#6 5
7 #7	4.82	4.83	4.64	4.33	5.67	6.00		#7 5.5
8 #8	5.61	5.75	5.57	5.67	5.33	6.17		#8 6
	6.44	6.33	6.33	6.00	6.40	5.29		#9 7
					5.42	6.47		#10 8
					7.00	6.81		

Example(Individual)

**Keeping Track of my Learning** Student

Name: J. H.

Learning Goal: Understand and use decimals and percents.

My score at the beginning: 2 My Goal is to be at 3 by Nov. 30

Specific things I am going to do to improve: Work 15 min. three times a week.

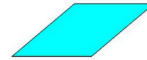
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LEARNING GOAL: Decimals and Percents

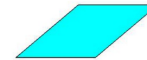
Date	Score
Oct 5	2
Oct 12	2
Oct 20	2
Oct 30	2
Nov 12	3
Nov 26	3

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What are "mastery topics" and how we determine what ours are?



What are assessment matrices and why would we want to use them?

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