

Assessment: an introduction and discussion of current practice

COLUSA UNIFIED SCHOOL DISTRICT

SEPTEMBER 2017

Our Goals for Today

1. LEARN ABOUT BEST PRACTICES / CURRENT RESEARCH ON EFFECTIVE ASSESSMENT.
2. DETERMINE WHAT, IF ANY, STEPS CUSD SHOULD TAKE TO IMPROVE OUR SYSTEM OF ASSESSMENTS.

Looking Back vs. Looking Forward

Public Education

Purpose

Valued Skills

Participation

Teacher

Student

Assessment

Past

Ranking Students

Memorization

Voluntary

Source

Passive

Summative

Present

Educating All

**Conceptualization /
Communication**

Mandatory

Facilitator

Engaged

Formative and Summative

Formative vs. Summative



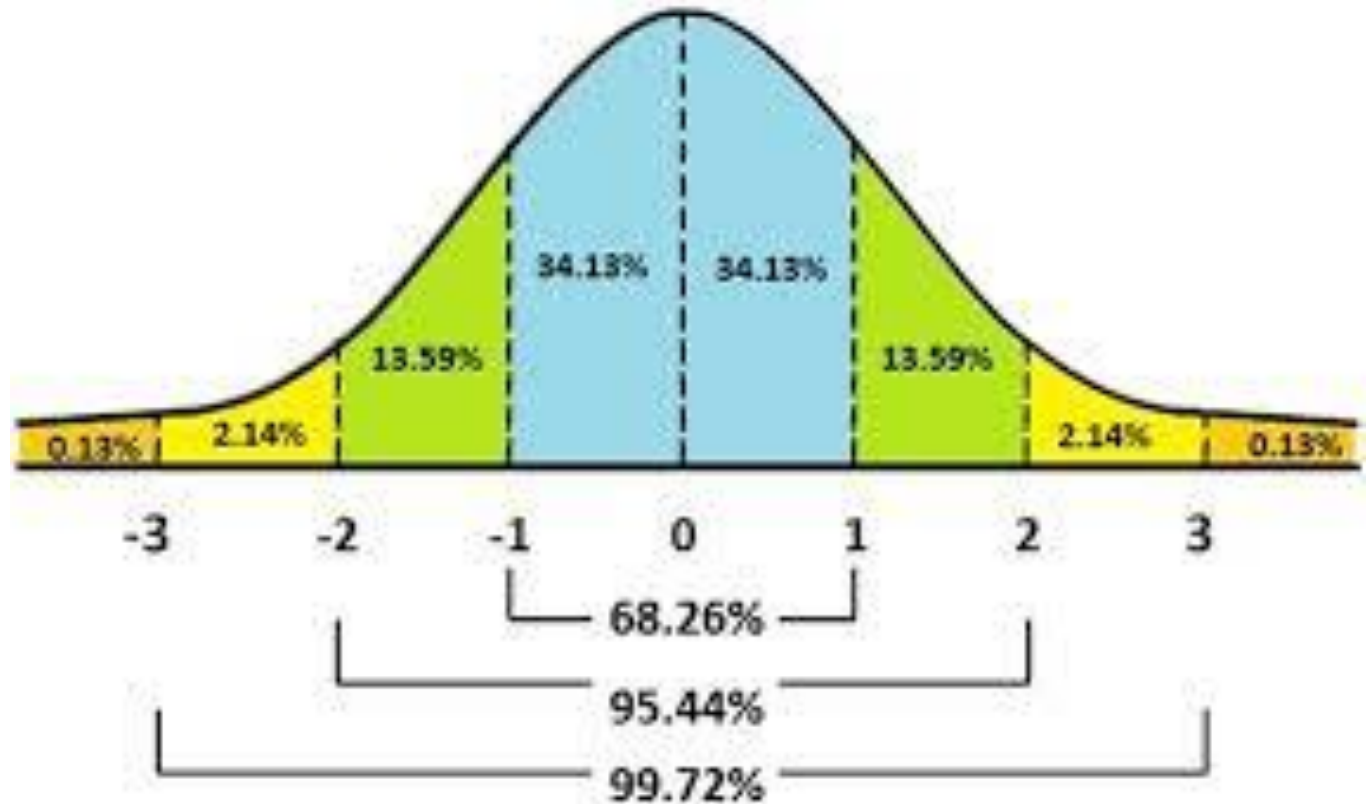
Criterion Referenced vs. Norm Referenced

MULTIPLICATION TABLE

1x	2x	3x	4x
1x1=1	1x2=2	1x3=3	1x4=4
2x1=2	2x2=4	2x3=6	2x4=8
3x1=3	3x2=6	3x3=9	3x4=12
4x1=4	4x2=8	4x3=12	4x4=16
5x1=5	5x2=10	5x3=15	5x4=20
6x1=6	6x2=12	6x3=18	6x4=24
7x1=7	7x2=14	7x3=21	7x4=28
8x1=8	8x2=16	8x3=24	8x4=32
9x1=9	9x2=18	9x3=27	9x4=36
10x1=10	10x2=20	10x3=30	10x4=40
11x1=11	11x2=22	11x3=33	11x4=44
12x1=12	12x2=24	12x3=36	12x4=48

5x	6x	7x	8x
1x5=5	1x6=6	1x7=7	1x8=8
2x5=10	2x6=12	2x7=14	2x8=16
3x5=15	3x6=18	3x7=21	3x8=24
4x5=20	4x6=24	4x7=28	4x8=32
5x5=25	5x6=30	5x7=35	5x8=40
6x5=30	6x6=36	6x7=42	6x8=48
7x5=35	7x6=42	7x7=49	7x8=56
8x5=40	8x6=48	8x7=56	8x8=64
9x5=45	9x6=54	9x7=63	9x8=72
10x5=50	10x6=60	10x7=70	10x8=80
11x5=55	11x6=66	11x7=77	11x8=88
12x5=60	12x6=72	12x7=84	12x8=96

9x	10x	11x	12x
1x9=9	1x10=10	1x11=11	1x12=12
2x9=18	2x10=20	2x11=22	2x12=24
3x9=27	3x10=30	3x11=33	3x12=36
4x9=36	4x10=40	4x11=44	4x12=48
5x9=45	5x10=50	5x11=55	5x12=60
6x9=54	6x10=60	6x11=66	6x12=72
7x9=63	7x10=70	7x11=77	7x12=84
8x9=72	8x10=80	8x11=88	8x12=96
9x9=81	9x10=90	9x11=99	9x12=108
10x9=90	10x10=100	10x11=110	10x12=120
11x9=99	11x10=110	11x11=121	11x12=132
12x9=108	12x10=120	12x11=132	12x12=144



Deeper Look at Traditional Classroom Assessment

Averaging



Zero Grades

Frequency

Averaging

	<i>Take Off</i>	<i>Landing</i>	<i>Navigation</i>	<i>Emergency</i>		
Scores	70	75	90	89	=	81%

Scores	24	100	100	100	=	81%
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Zero Grades

	Take Off	Landing	Navigation	Emergency	
Scores	0	100	100	100	= 75%

Is it logical to presume that someone knows absolutely nothing about the topic?

Takeoff Speed for a fully loaded (571,000 lb) Airbus A340 is

- a) 60 mph
- b) 120 mph
- c) 180 mph
- d) 640 mph

Frequency

What is a “fair” number of grades in the gradebook?

Which are the right ones to include in the gradebook?

Scores 24% 50% 75% 100% 100% 100% 100% 100% 100%

More on Standardized Testing

Teaching to the Test
Tree Climbing Fish
Motivation
Snapshot effect

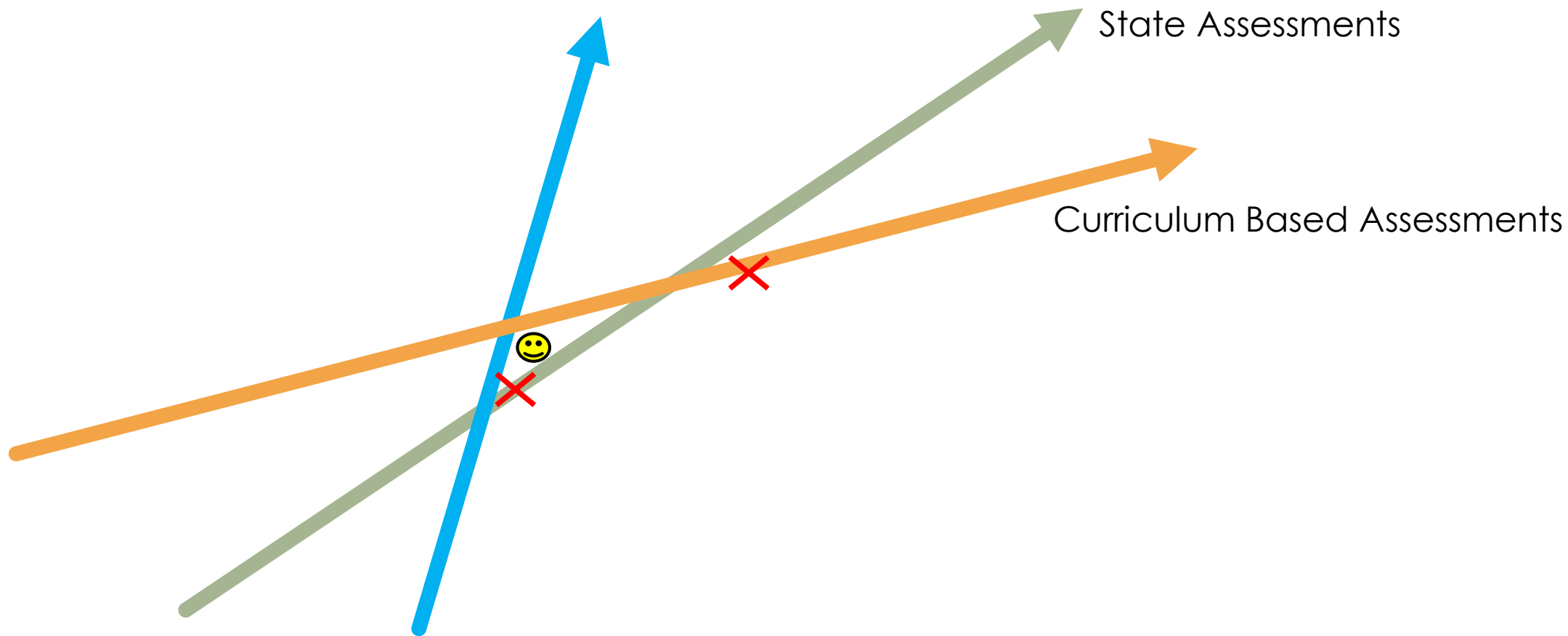
Accountability
Accuracy & Precision
Objectivity
Ease of Use

Triangulation

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Current Assessment Processes & Tools

COLUSA HIGH
EGLING MIDDLE
BURCHFIELD PRIMARY

As we listen

Accountability – How is it communicated to parents? How easy is it for parents to Understand?

Accuracy / Precision – Does the assessment give us both?

Objectivity – is the assessment fair? Free of bias?

Ease of Use – how are results used to change Achievement?

“

What, if any, steps should CUSD take to improve our system of assessments? ”

What is it we are looking to improve?

Formative Assessment Systems

- ▶ NWEA MAP : <https://www.nwea.org/>
- ▶ iReady:
<https://www.curriculumassociates.com/products/iready/diagnostic-instruction.aspx>
- ▶ PERFORMANCE SERIES:
<http://www.scantron.com/software/districtwide-assessment/performance-series/overview>
- ▶ TERRANOVA3: <http://terrano3.com/>



Thank You!