TCS Academic Update Fall 2021

Carrie Norris, K-8 Curriculum
Missy Ellenberger, 9-12 Curriculum
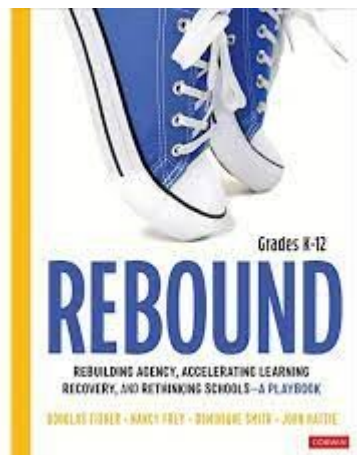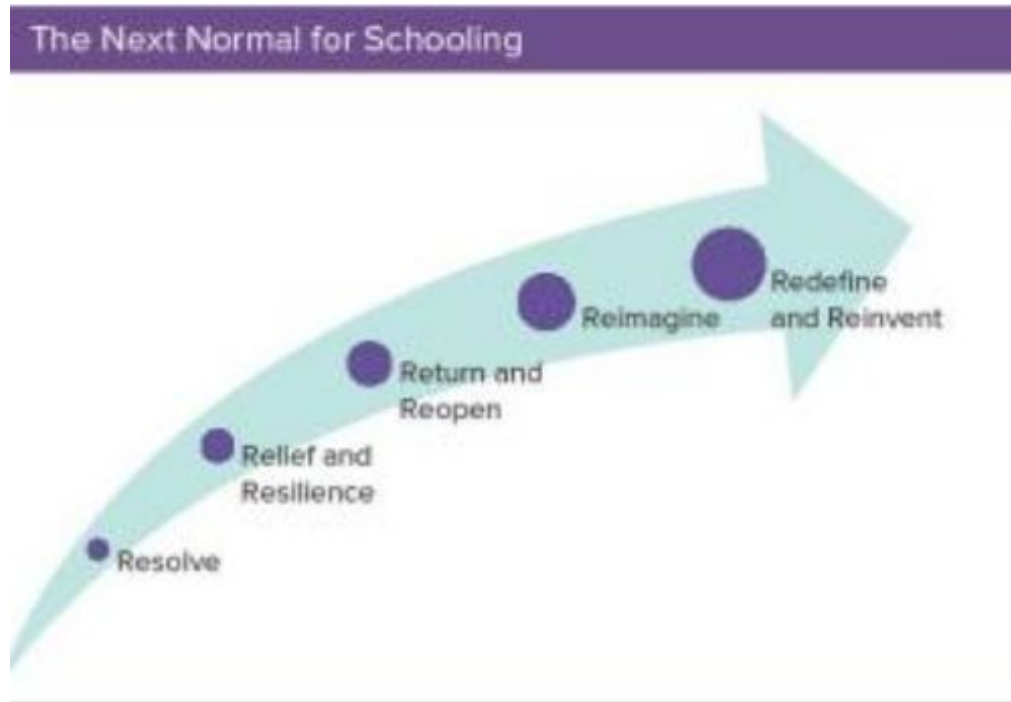
Figure from REBOUND by
Doug Fisher, Nancy Frey,
Dominique Smith, John Hattie

The Next Normal for Schooling

Resolve

Relief and
Resilience

Return and
Reopen

Reimagine

Redefine
and Reinvent

TCS is at Step 4: Reimagine

Part of "Reimagining" is understanding where we are at this moment with our learning (understanding and acknowledging the data).

Elementary: A look at TCS Level 3, 4, 5 Proficiency across 3 years...

Grade Level/Subject	2018-2019	2019-2020	2020-2021
3rd Reading	63.8	No Data	43.0
3rd Math	62.9	No Data	44.40
4th Reading	61.4	No Data	46.10
4th Math	59.8	No Data	40.50
5th Reading	62.2	No Data	36.30
5th Math	60.6	No Data	37.10

TCS Beginning of Year (BOY) Data for Reading in Grades K-3

⬆Account	District ⇅	■ Well Below Benchmark ⇅	■ Below Benchmark ⇅	■ At Benchmark ⇅	■ Above Benchmark ⇅	Total Students ⇅
⌄ **NC DPI**						Current as of 10/23/2021
⌄ Grade K		Reference Data (Compare these results against a wider population)				
Transylvania County Schools		21-22 BOY — 163(65%)	45(18%)	21(8%)	22(9%)	**251**
⌄ Grade 1		Reference Data (Compare these results against a wider population)				
Transylvania County Schools		21-22 BOY — 93(42%)	56(25%)	49(22%)	25(11%)	**223**
⌄ Grade 2		Reference Data (Compare these results against a wider population)				
Transylvania County Schools		21-22 BOY — 117(46%)	40(16%)	70(28%)	24(10%)	**251**
⌄ Grade 3		Reference Data (Compare these results against a wider population)				
Transylvania County Schools		21-22 BOY — 76(35%)	44(19%)	71(31%)	35(15%)	**226**

Middle School: A look at TCS Level 3, 4, 5 Proficiency across 3 years...

Grade Level	2018-2019	2019-2020	2020-2021
6th Reading	74.0	No Data	52.4
6th Math	56.4	No Data	38.0
7th Reading	73.0	No Data	50.6
7th Math	57.0	No Data	46.03
8th Reading	57.9	No Data	49.8
8th Math	53.8	No Data	35.7

TCS Middle School Exact Path Diagnostic Data (through Edmentum)

Middle School Proficiency				
Location/Grade	Below	Approaching	Meets	Exceeds
Brevard Middle School	20%	32%	30%	18%
6	24%	32%	32%	12%
Mathematics	27%	34%	29%	9%
Reading	22%	29%	35%	14%
7	21%	31%	28%	20%
Mathematics	23%	30%	30%	17%
Reading	20%	32%	26%	22%
8	16%	33%	30%	21%
Mathematics	18%	32%	30%	19%
Reading	13%	33%	31%	23%
Rosman Middle School	26%	37%	28%	10%
6	38%	35%	22%	5%
Mathematics	38%	35%	23%	3%
Reading	37%	35%	20%	8%
7	21%	37%	32%	10%
Mathematics	24%	35%	35%	7%
Reading	19%	38%	29%	14%
8	20%	38%	29%	13%
Mathematics	21%	38%	30%	11%
Reading	19%	38%	28%	15%

High School: A look at TCS Level 3, 4, 5 Proficiency across 3 years...

Subject	2018-2019	2019-2020	2020-2021
Biology	62.1	No Data	57.9
English II	66.4	No Data	70.60
Math 1	73.50	No Data	47.80
Math 3	No Data (NCFE)	No Data	56.7
Graduation Rate 4 year cohort	85	85.7	84

2020-2021 data...Comparison across the Western Region

Percentage of students scoring at or above Achievement Level 3	NC	Buncombe	Asheville City	Cherokee	Clay	Graham	Haywood	Henderson	Jackson	Macon	Madison	McDowell	Mitchell	Polk	Rutherford	Swain	Transylvania	Yancey
G3 Reading	45.2	48.1	45.3	46.6	55.8	35.7	51.2	50.6	36.3	47.9	55.9	47.2	36.8	71.7	46.8	40.2	42.9	47.5
G3 Math	44.5	45.1	35.7	40.3	64.6	39.3	63.8	53.4	40.1	52.9	49.7	43	47.4	76.1	49	47.3	44.4	59
G4 Reading	45.1	47.7	53.5	39.1	51.9	15.3	56.3	51.1	38.9	51.2	54.5	38.9	43.4	61.4	46.6	44.3	46.1	52.4
G4 Math	37.8	38	32.3	43.9	45.5	12.9	63.3	46.4	31.4	42.6	52.6	24.4	43.4	59.7	42.6	34.4	40.5	56.3
G5 Reading	42.4	41.2	57.2	45.6	40.5	36.1	50.6	45.6	37.2	45.2	62.1	41.1	43.8	58.3	43.6	49.2	36.3	48.9
G5 Math	42	37.5	42.9	47.2	41.7	24.1	60.4	46.7	27.4	46.4	57.9	36.4	51.2	62.8	50.2	47.5	37.1	47.5
G6 Reading	45.3	46.9	50	38	54.3	44.9	44	49.7	37.5	48.4	55.3	43.4	46.5	60.4	43.2	42.5	52.4	47.7
G6 Math	40.6	42.8	33.5	36.1	40.2	42	48.7	42.6	29.7	43.1	52.5	34	48.3	53.5	33.7	35	38.2	45.6
G7 Reading	46.7	49.7	52.1	45.7	41.2	32.2	50.7	48.7	39.5	50.3	65.1	48.8	53.3	53.2	43	43.5	50.6	57.2
G7 Math	42.5	47.7	41.7	43.7	34.2	28.9	48.3	44.8	33.8	44.1	48.3	32.4	37.6	37	39	48.9	46	59.1
G8 Reading	48.2	50.3	56.4	53.3	51.1	37.8	54.3	56.9	47.7	47.2	46.4	44.1	51.1	64.7	43.5	44	49.8	53.3
G8 Math	32.7	42.4	33.1	39.2	45.6	10.8	43.9	41.7	32.9	31.1	31.8	22.1	30.2	49.3	26	38.7	35.7	57.6
G5 Science	53.9	50.9	60.7	68.1	71.4	55.4	70.7	62.4	45	56.3	75	52.2	62	69.2	60.1	54.1	47.7	68.3
G8 Science	70.3	75.1	75	77.9	74.4	78.3	82.5	77.8	74.5	77.5	77.5	70.5	76.4	86	70.8	79.3	76.4	82.4
NC Math 1	25.1	34	18.4	24.3	23.9	35.1	45.1	41.5	38.3	42.6	48.7	29.4	29.5	35.5	14.5	23.8	47.8	47.7
NC Math 3	44.6	58.3	33.6	38	64.8	37.8	58.7	48.7	56.7	59.7	45.1	49.4	40	46.2	35.4	32.1	56.7	56.7
Biology	45.6	51.2	47.9	41	51.5	27.5	56	53	46.2	43.6	45.5	48.2	51.9	58.9	33.4	40.8	57.9	66.1
English 2	58.5	62.8	65.6	54.9	53.5	41.1	63.3	66.3	60.2	59.9	63.4	62.4	58	68.6	52.4	54.1	70.6	55.6
4 Year Grad Rate	86.9	90.7	90.2	96.9	89.1	92.1	89.6	92.5	92.9	81.7	91.4	84.8	75.9	92.4	88.2	76.8	84	87.7
5 Year Grad Rate	88.6	91.5	91.8	76.5	93.4	88.7	89.5	92.2	93.5	>95	91.2	87.2	90.5	88.7	88.4	88.5	85.4	92.2

Data Comparison

Percent of Students Scoring Level 3 or Higher on EOCs/ EOGs
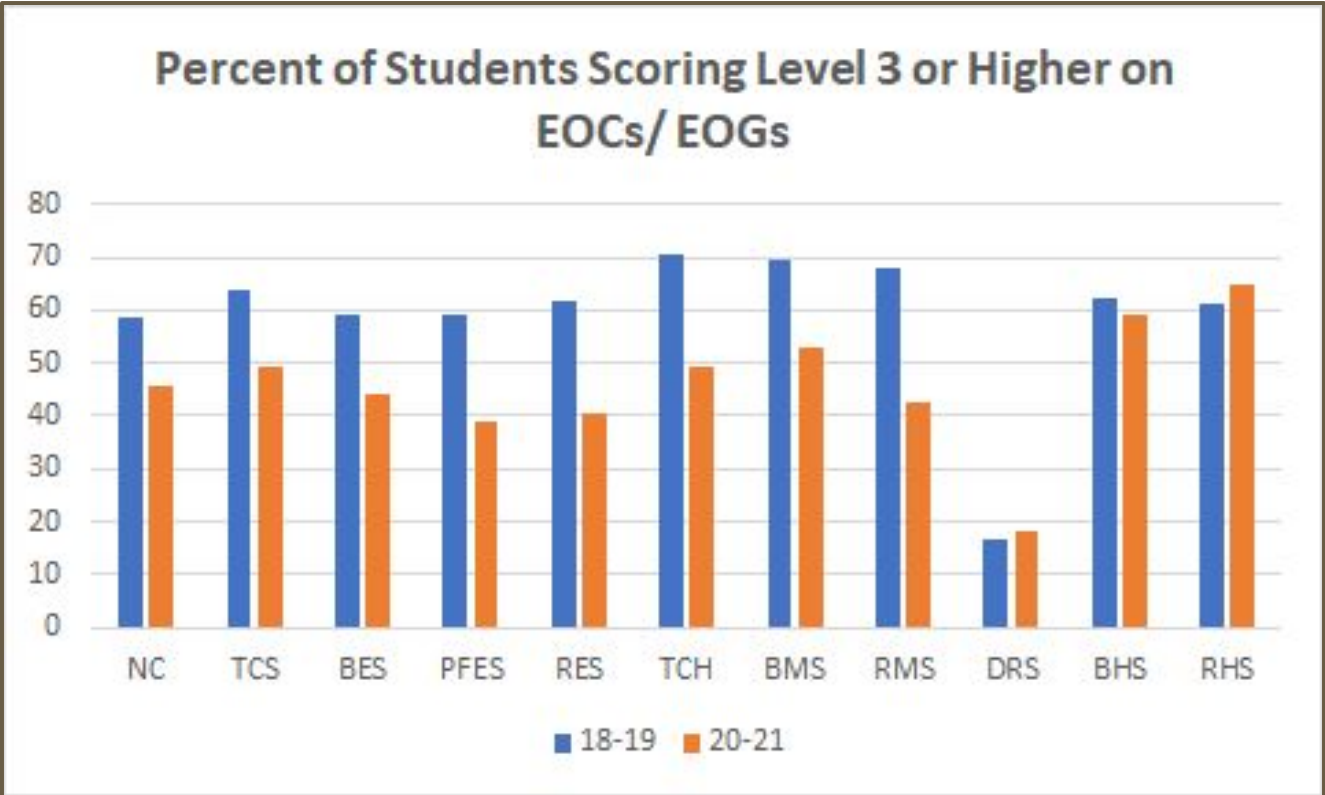
Note: No districts in the state, nor charter schools as a whole, did better in 2020–21 than in 2018–19. Statewide, student scores dropped 13 percentage points on average.   –EdNC

Pre-Assessment Data for English 10

| Sample from a TCS English 10 class		
Student Name	Overall: Average Percent Correct	Percent Correct: Evidence (RI.1 & RL.1)
Student A	75%	82%
Student B	58%	50%
Student C	96%	100%
Student D	84%	75%

TCS District Pre-Assessment Results	
Areas Assessed	Overall: Average Percent Correct
Reading for Literature & Information Text - Key Ideas & Evidence - Craft & Structure - Integration of Ideas & Analysis	71.7%

October Benchmark Data for Math 1

| Areas Assessed	Number of Questions	Average Number Correct	Average Percent Correct
Algebra	5	3.0	60%
Functions	13	6.75	51.9%
Geometry	4	2.0	50%
Statistics & Probability	4	3.25	81%
Calculator Inactive Questions	7	4.3	61.4%
Calculator Active Questions	19	10.8	56%

October Benchmark Data for Biology

Mastery for TRANSYLVANIA COUNTY SCHOOLS
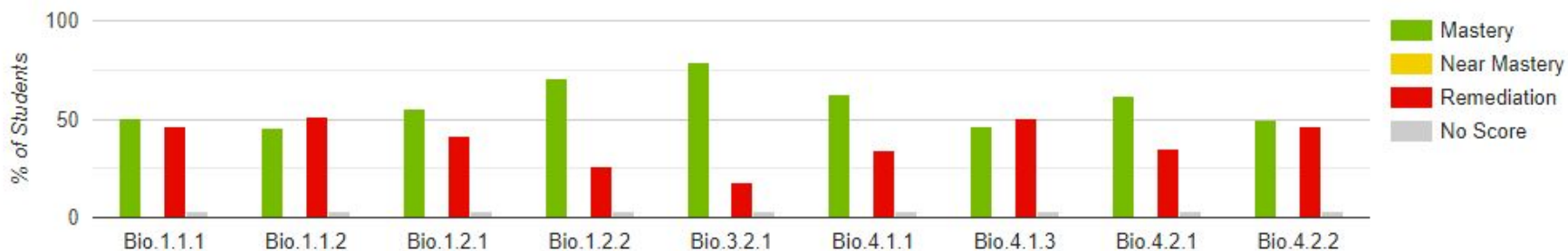
October Benchmark Data for Math 3

Mastery for TRANSYLVANIA COUNTY SCHOOLS
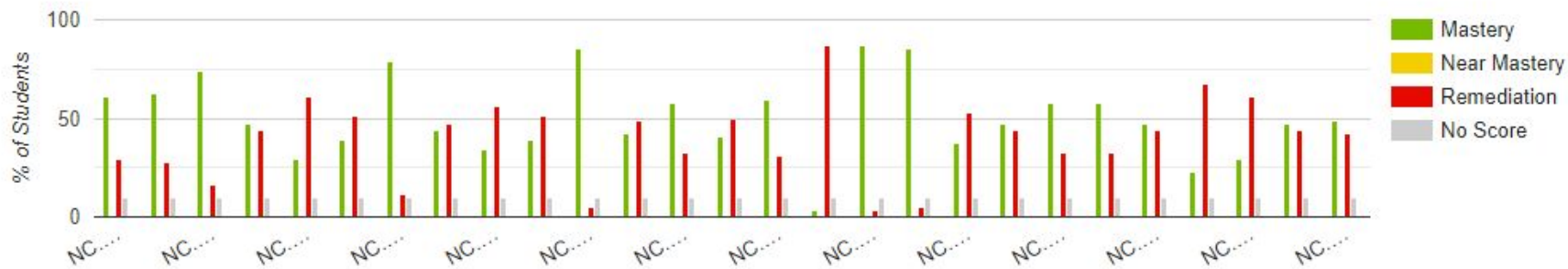
TCS High School Exact Path (Edmentum) Diagnostic Data

Number/Percent of Students in National Percentile Range								
Location/Grade	**0-24%**		**25-49%**		**50-74%**		**75-100%**	
Brevard High School	**56**	**15%**	**89**	**24%**	**87**	**23%**	**146**	**39%**
9	40	19%	54	26%	45	21%	72	34%
Mathematics	24	30%	24	30%	17	22%	14	18%
Reading	16	12%	30	23%	28	21%	58	44%
10	16	10%	35	21%	42	25%	74	44%
Mathematics	6	5%	21	19%	28	25%	57	51%
Reading	10	18%	14	25%	14	25%	17	31%
Rosman High School	**29**	**10%**	**87**	**31%**	**72**	**26%**	**93**	**33%**
9	20	14%	55	40%	35	25%	28	20%
Mathematics	11	16%	30	43%	18	26%	10	14%
Reading	9	14%	25	38%	14	21%	18	27%
10	9	6%	32	22%	37	26%	65	45%
Mathematics	8	11%	19	26%	14	19%	32	44%
Reading	1	1%	14	20%	23	32%	33	46%
Davidson River School	**14**	**34%**	**12**	**31%**	**9**	**19%**	**4**	**17%**
9	11	38%	9	31%	8	28%	1	3%
Mathematics	7	47%	4	27%	4	27%	0	0%
Reading	4	29%	5	36%	4	29%	1	7%
10	3	30%	3	30%	1	10%	3	30%
Mathematics	Not enough percentiles data. A minimum of 10 students are needed to show data.							
Reading	3	30%	3	30%	1	10%	3	30%

Elementary and Middle School: Steps to Grow

*Adoption of a K-5 Math Curriculum (enVision)

*Continued implementation of Science of Reading strategies (Heggerty Phonemic Awareness, use of decodable books, Open Court/Letterland)

*Increased number of Teacher Assistants

*4 Reading Specialists

*Accelerated Learning focus rather than remediation

*Renewal of 6-8 Math Curriculum (Open Up)

*New Interventionist position at RMS

*New District position - Academic Specialist, Mary Ellen Weaver

*Focused I & E timeframes at Elem and MS level

High School: Steps to Grow

- Graduation Coach
- Quarterly high school referral meetings
- Benchmarks for EOC courses
- Exact Path
- SEL/MH Improvement Plan
- Feedback Form
- SIP- data driven
- New District position - Academic Specialist, Mary Ellen Weaver

- MTSS
  - Weekly HS meetings
    - Grades
    - Attendance
    - Behavior
- PLC meetings
- More focused support of teachers that do not show growth in the previous year
- I & E

Spring 2022 - Fall 2023

- 2 year training process for K-5 teachers (approximately 30 hrs per semester - 4 semesters)
- Pre K; Principals involved for a year of training
- Anticipate request for 3 Remote Learning Days added in Spring 2022 for Virtual Live PD Sessions.

Questions? Comments?

The single greatest effect on student achievement is not race, it is not poverty - it is the effectiveness of the teacher.

Harry Wong

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