

BURCH CHARTER SCHOOL OF EXCELLENCE

Data Review Start Strong, NWEA MAP & iReady

2021-2022 Fall Presentation

December 13, 2021

Dr. White, Chief School Administrator

Mr. Simmons, Vice Principal (Math and Science)

Ms. Stein, Vice Principal (English Language Arts and Social Studies)

Agenda

- I-READY DATA
- START STRONG ASSESSMENT DATA
- NWEA MAP DATA

PERFORMANCE

GROWTH

COMPARISON OF ALL STUDENTS WITH
STUDENTS ENROLLED IN SUMMER
ENRICHMENT

Burch Charter School of Excellence

2021-2022 Fall

iReady: Mathematics

Grade	BCSE Fall	iReady Fall Norm Standard	% Met Standard
Kindergarten	328	347	9%
First	362	382	5%
Second	389	409	4%
Third	406	435	3%
Fourth	429	460	2%
Fifth	446	478	6%

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2021-2022 Fall

i-Ready: Reading

Grade	BCSE Fall Standard	Fall Norm Standard	% Met Standard
Kindergarten	329	348	15%
First	395	410	24%
Second	441	475	24%
Third	475	516	29%
Fourth	517	545	27%
Fifth	532	569	20%

Start Strong Fall Assessment

1. ELA and Mathematics
2. Score Report Scale
 - Strong Support May be Needed
 - Some Support May be Needed
 - Less Support May be Needed

Start Strong 2021-2022

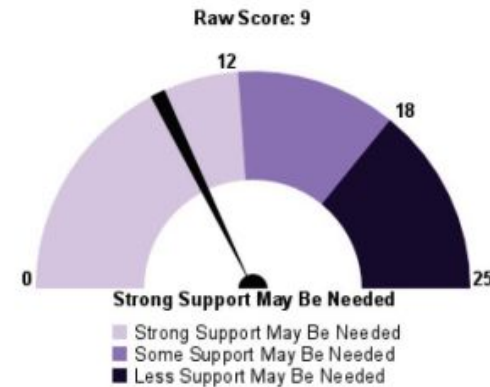
Preliminary Student Report

Kate J School (7777999360)

Test Details

Test Name Grade 06 Science	Grade 06	Date of Birth 01/01/2005
Test Date 09/03/2020	Testing District	Testing School PV BE NONSCHOOL 810 (500800-810)

How Did Kate Perform Overall?



Science Assessment Report, 2021-2022

Students at this level demonstrated minimal understanding of the Elementary School scientific concepts and practices in the three tested content domains: Earth & Space, Life, and Physical Science.

For detailed information about what students at this level are likely able to do and the topics in which they would likely need more support, please visit [here](#)

How Did Kate Perform on the Reporting Concepts?

Reporting Concepts	Score	Score Range
Investigating Practices	3	0-9
Sensemaking Practices	3	0-10
Critiquing Practices	3	0-6
Earth & Space Science	3	0-8
Life Science	3	0-7
Physical Science	3	0-10

The Start Strong Assessment measures the [New Jersey Student Learning Standards - Science \(NJSL-S\)](https://www.nj.gov/education/aps/cccs/science/). The NJSL-S are the foundation for interactive science instruction that promotes analysis and interpretation of data, critical thinking, problem solving, and connections across scientific disciplines.

For more information, please refer to the NJ Start Strong Score Interpretation Guide in the Start Strong section at the [NJSLA](#).

Start Strong Mathematics Assessment Fall SY 2021

Grade	Strong Support May Be Needed		Some Support May Be Needed		Less Support May Be Needed	
	Count	Percentage	Count	Percentage	Count	Percentage
4	44	75.8%	11	19.0%	3	5.2%
5	29	65.9%	11	25.0%	4	9.1%
Total	73	71.9%	22	22.0%	7	7.4%

Start Strong ELA Assessment Fall SY 2021

Grade	Strong Support May Be Needed		Some Support May Be Needed		Less Support May Be Needed	
	Count	Percentage	Count	Percentage	Count	Percentage
4	28	48.3%	15	25.8%	15	25.8%
5	13	29.5%	18	40.9%	13	29.5%
Total	41	42.3%	33	34.0%	28	27.5%

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 2021-2022 Spring to Fall
 Measures of Academic Progress (MAP)
 Mathematics RIT

Grade	BCSE Fall RIT	MAP Fall Norm RIT	% Met Standard
Kindergarten	132.6	136.6	30%
First	155.2	160	36%
Second	168.8	175	37%
Third	179.5	188.5	25%
Fourth	191.3	199.5	22%
Fifth	200.1	209.1	21%

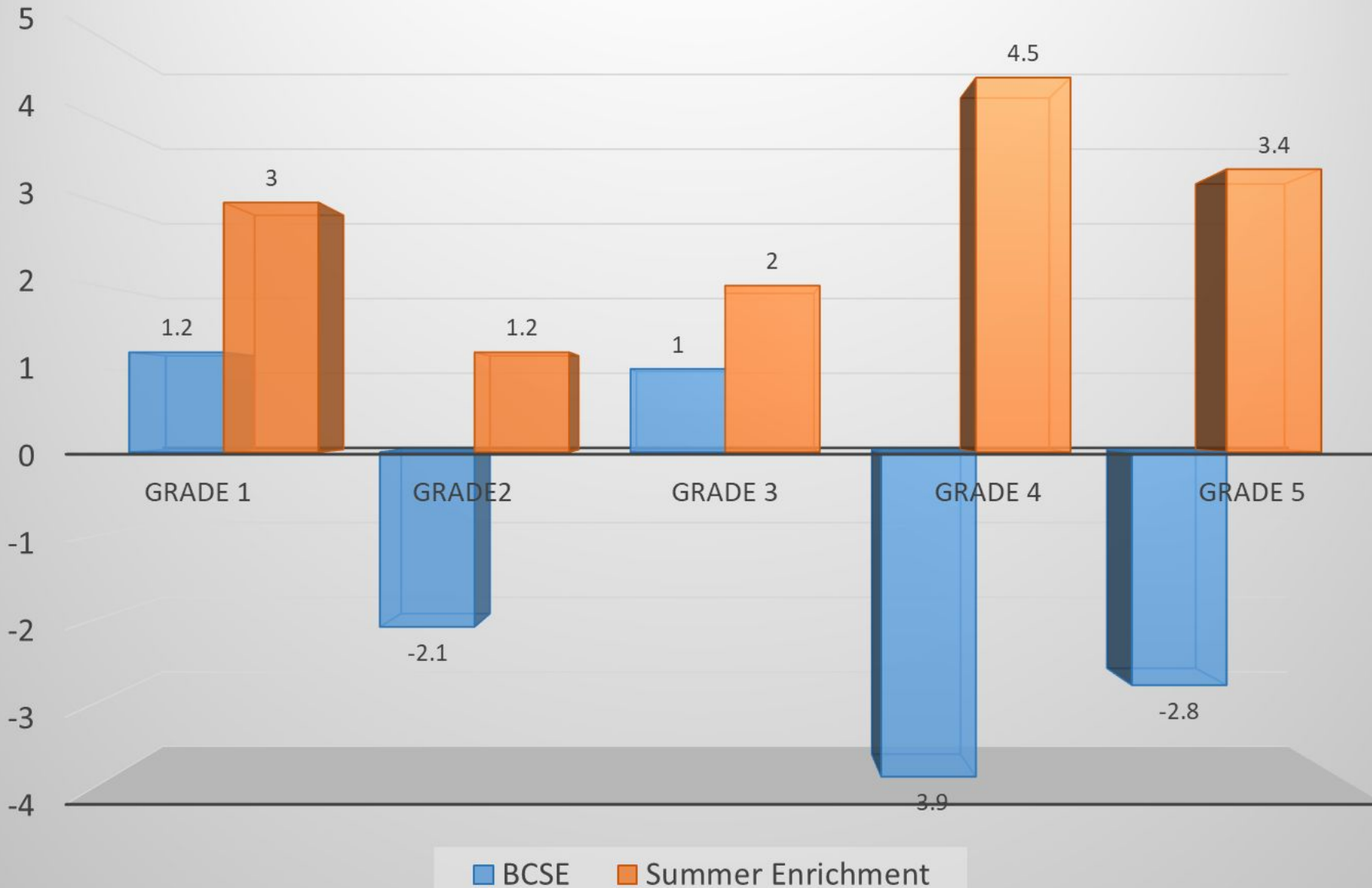
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2021-2022 Spring to Fall

Grade Cohort (MAP) Mathematics RIT

Current Grade	BCSE Spring RIT	Summer Enrichment Spring RIT	BCSE Fall RIT	Summer Enrichment Spring RIT	BCSE Growth	Summer Enrichment Growth
First	154.0	148.2	155.2	151.2	1.2	3.0
Second	170.9	163.0	168.8	164.2	-2.1	1.2
Third	178.5	176.8	179.5	178.8	1.0	2.0
Fourth	188.3	179.9	191.3	184.4	-3.9	4.5
Fifth	197.7	191.5	200.1	194.9	-2.8	3.4

NWEA MAP Mathematics Assessment Grade Cohort Growth Data Spring to Fall SY2021



Summer School Students Demonstrated An Average Growth of 2.8 Points Compared to An Average Loss of 1.2 Points for All Students in Mathematics

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2021-2022 Spring to Fall

Measures of Academic Progress (MAP)

Reading RIT

Grade	BCSE Fallr RIT	MAP Fall Norm RIT	% Met Standard
Kindergarten	132.6	136.6	29%
First	150.4	155.9	33%
Second	171.0	172.3	39%
Third	181.9	186.6	51%
Fourth	193.5	196.7	43%
Fifth	199.2	204.5	40%

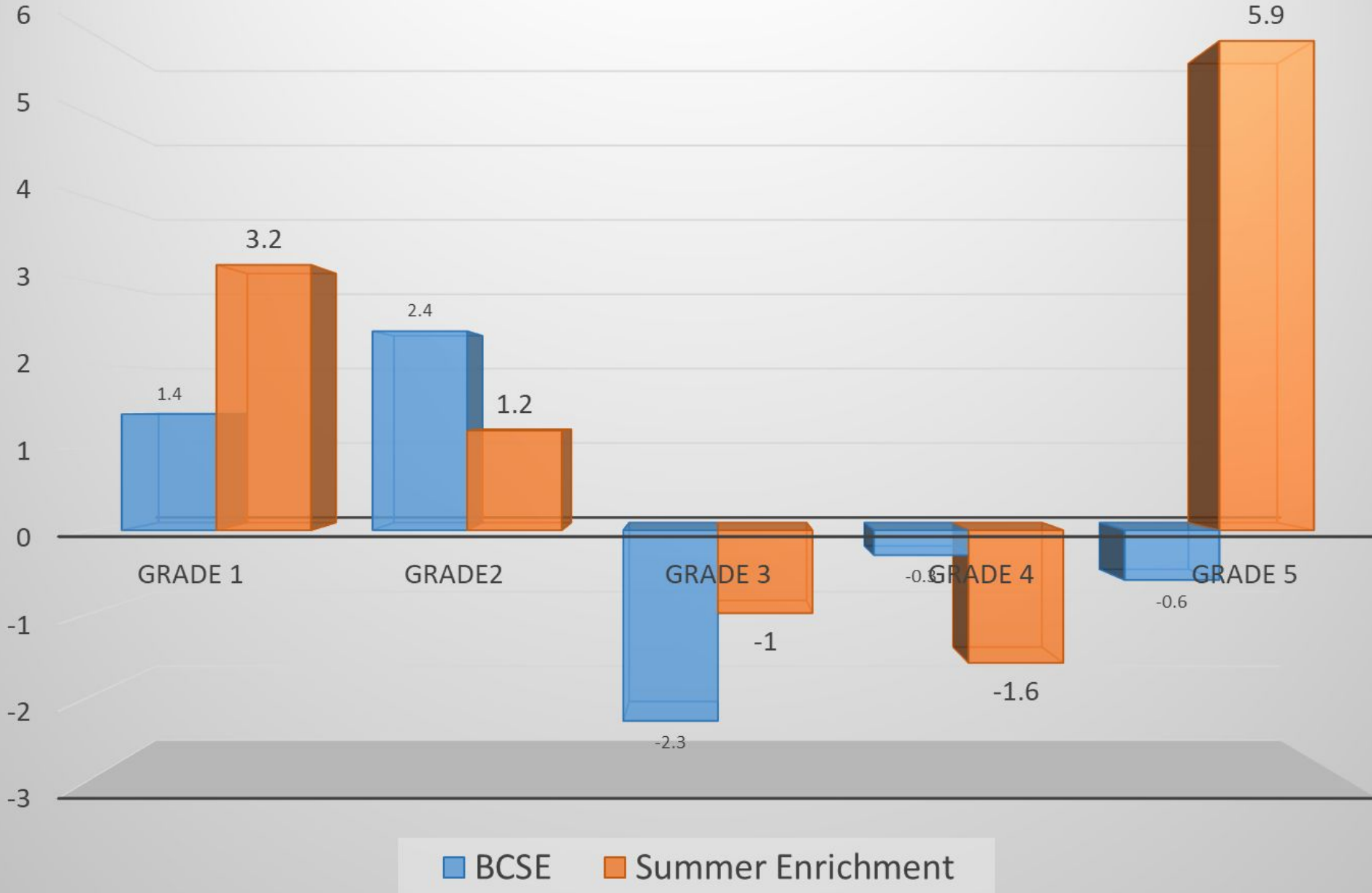
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2021-2022 Spring to Fall

Grade Cohort (MAP) ELA RIT

Current Grade	BCSE Spring RIT	Summer Enrichment Spring RIT	BCSE Fall RIT	Summer Enrichment Fall RIT	BCSE Growth	Summer Enrichment Growth
First	149.0	146.9	150.4	147.2	1.4	3.2
Second	168.6	160.1	171	164.4	2.4	1.2
Third	184.2	179.8	181.9	178.8	-2.3	-1.0
Fourth	193.8	187.9	193.5	186.3	-0.3	-1.6
Fifth	199.8	191.2	199.2	197.1	-0.6	5.9

NWEA MAP ELA Grade Cohort Data for Spring to Fall Growth All Students Compared to Summer Enrichment Students



Average Growth by Summer Enrichment Students are 1.9 Points Compared to Average Loss of 0.3 for All Students.

Strategies to Address Academics

- ▶ RTI Model
- ▶ Academic Interventionist
- ▶ Reading Specialist
- ▶ ELA and Math Leads
- ▶ Designated ELA and Mathematics VPs
- ▶ Saturday Program
- ▶ After school Program
- ▶ Summer program
- ▶ Math and Reading Workshop Model
- ▶ Adaptive Learning Programs: I-Ready & MobyMax
- ▶ Seton Hall University Coaching