



Discovery Community School

Engage. Inspire. Educate. Prepare. Empower.

Discovery PK-5 Community St. Cloud Public Schools

April 20, 2022

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Demographics

Enrollment of Students by Grade Level as a Percentage of Total Enrollment from 2017 - 2022

Years	2017		2018		2019		2020*		2021*		2022 * YTD	
Grade Level	#	%	#	%	#	%	#	%	#	%	#	%
PK	21	4.3%	49	10.0%	59	10.9%	57	11.0%	42	8.1%	66	12.4%
Kdgn	75	15.4%	91	18.6%	77	14.2%	90	17.4%	99	19.1%	96	18.0%
Grade 1	94	19.3%	65	13.3%	92	17.0%	79	15.3%	92	17.8%	81	15.2%
Grade 2	80	16.4%	76	15.6%	73	13.5%	81	15.7%	71	13.7%	85	15.9%
Grade 3	67	13.8%	75	15.4%	87	16.1%	68	13.2%	77	14.9%	67	12.6%
Grade 4	70	14.4%	69	14.1%	81	15.0%	73	14.1%	62	12.0%	74	13.9%
Grade 5	80	16.4%	63	12.9%	72	13.3%	69	13.3%	74	14.3%	64	12.0%
Grand Total	487		488		541		517		517		533	
Note: * represents COVID results. **CTSTR = counts too small to report												
2022 Data represents data as of the beginning of the year MARSS snapshot												
Source: MDE MARSS B Files extracted from Skyward SIS												

Enrollment Trend Notes:

- Discovery serves a steady population with a growing number of preschool students.

Enrollment of Students by Race/Ethnicity as a Percentage of Total Enrollment from 2017 - 2022

Years	2017		2018		2019		2020*		2021*		2022 * YTD	
Race/Ethnicity	#	%	#	%	#	%	#	%	73	%	#	%
Asian	17	3.5%	18	3.5%	13	3.1%	10	3.3%	10	3.3%	CTSTR	
Black / African Amer	269	55.2%	307	62.9%	328	60.6%	298	57.6%	327	63.2%	304	57.0%
Hispanic	64	13.1%	61	12.5%	70	12.9%	95	18.4%	73	14.1%	77	14.4%
Amer Ind / Alaska Native	CTSTR		CTSTR		CTSTR		CTSTR		CTSTR		CTSTR	
Two or More	23	4.7%	15	3.1%	26	8.2%	23	8.2%	24	8.2%	35	8.2%
Pacific Island/Native Hawaiian	0	-	0	-	CTSTR		CTSTR		CTSTR		CTSTR	
White	120	24.6%	92	18.9%	106	19.6%	100	19.3%	90	17.4%	103	19.3%
Grand Total	487		488		541		517		517		533	

Note: * represents COVID results. **CTSTR = counts too small to report

2022 Data represents data as of the beginning of the year MARSS snapshot

Source: MDE MARSS B Files extracted from Skyward SIS

Enrollment Trend Notes:

- Overall, demographic enrollment trends appear relatively steady when considering student group.
- However, its important to note there is a high level of mobility at Discovery.

Enrollment of Students by Student Group as a Percentage of Total Enrollment from 2017 - 2022

Years	2017		2018		2019		2020*		2021*		2022 * YTD	
Student Group	#	%	#	%	#	%	#	%	#	%	#	%
Special Education	77	15.8%	75	15.4%	93	17.2%	94	18.2%	111	21.5%	105	19.7%
English Language Learners	237	48.7%	254	52.0%	307	56.7%	302	58.4%	293	56.7%	252	47.3%
Free and Reduced Lunch	450	92.4%	449	92.0%	489	90.4%	471	91.1%	447	86.5%	419	78.6%
Transitional/Unhoused	22	4.5%	22	4.5%	51	9.4%	43	8.3%	29	5.6%	31	5.8%
Grand Total	487		488		541		517		517		533	

Note: * represents COVID results. **CTSTR = counts too small to report

2022 Data represents data as of the beginning of the year MARSS snapshot

Source: MDE MARSS B Files extracted from Skyward SIS

Enrollment Trend Notes:

- Special populations are overrepresented when considering the districts overall enrollment.
- 2022 District Demographics are:
 - Sped is 21.5% | EL is roughly 23.5% | Free and Reduced Lunch (FRL)is 57.1% | Homeless/Highly Mobile (HHM) is 3.3%
- Roughly 40% of the students receive EL and FRL services
- Roughly 15% of the students receive SPED and FRL services
- Roughly 5.5% of the students receive EL and SPED services
- Roughly 4.8% of the students are in all three special services programs

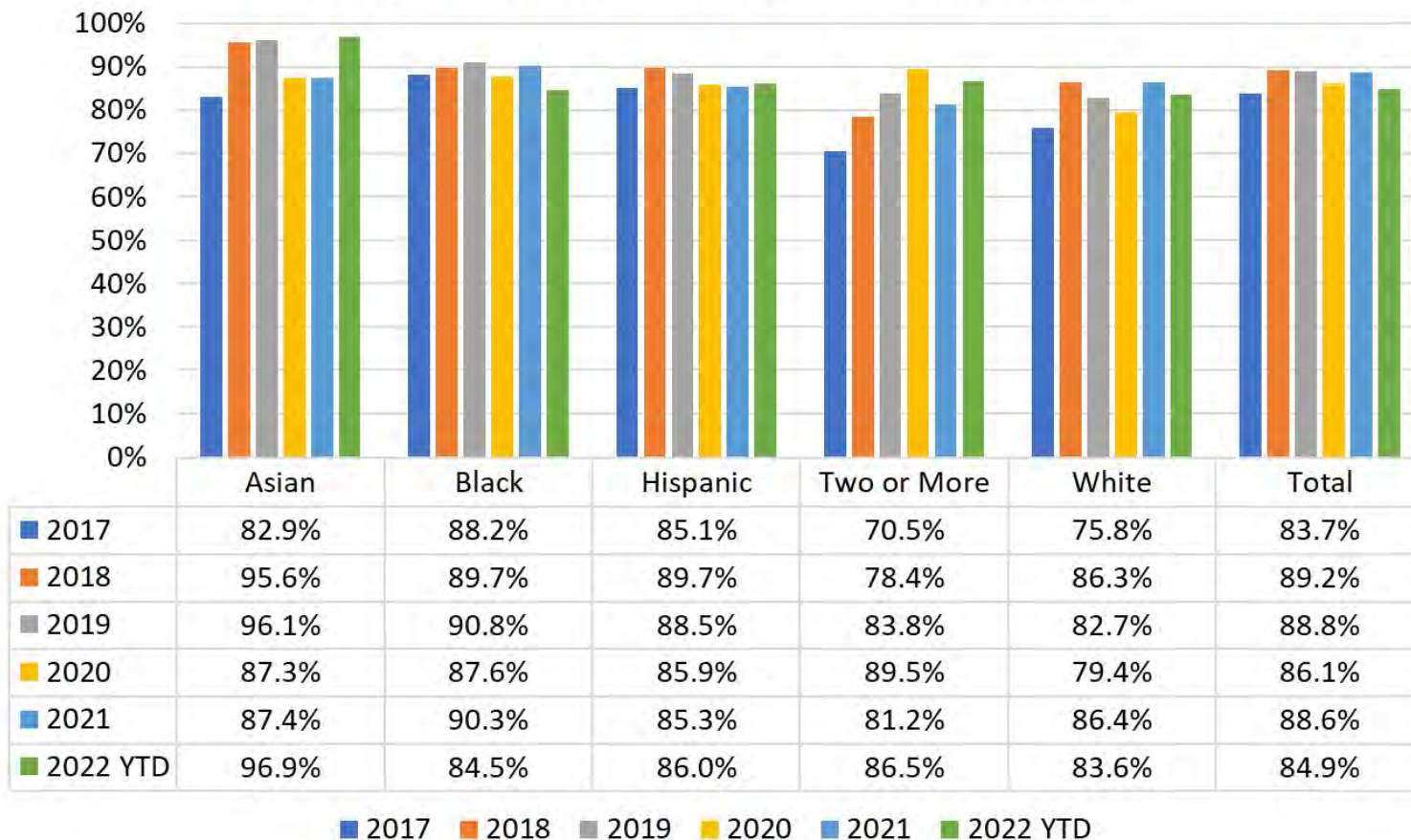


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Attendance

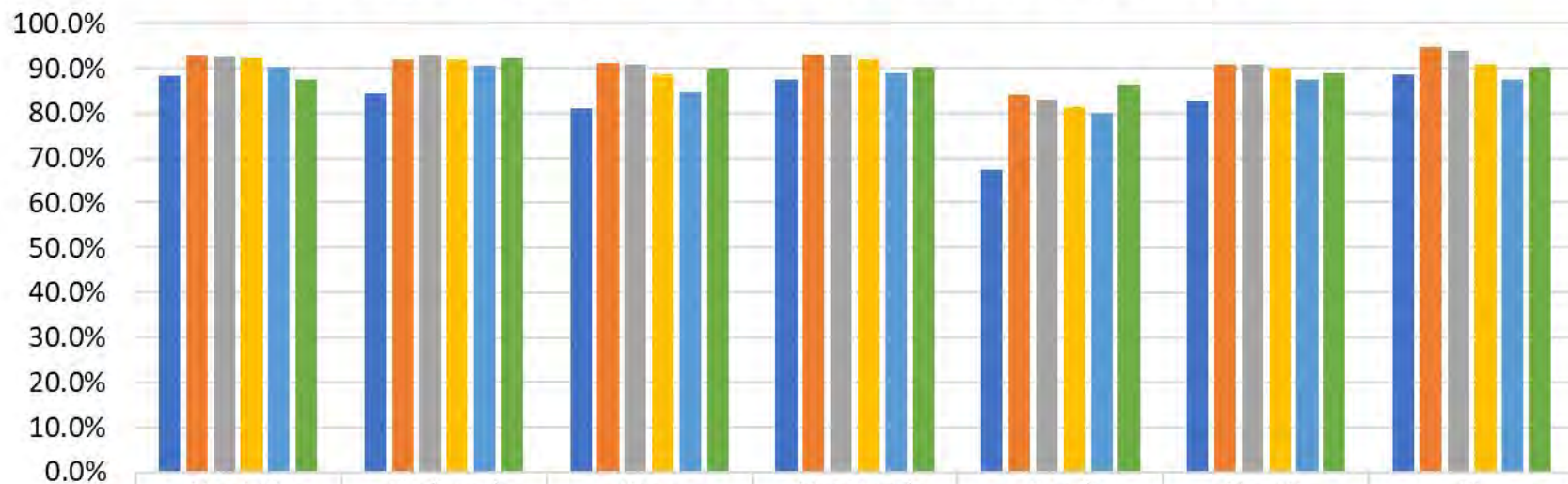
Average Daily Attendance by Year and Race/Ethnicity



Reviewing Attendance helps to ensure successful engagement in learning can occur.

Findings:
In 2021, attendance appeared to be slightly better despite modality of learning changes.

Average Daily Attendance by Year and Student Group



	Not FRL	Reduced	Free	Not Sped	Sped	Not EL	EL
2017	88.4%	84.4%	81.0%	87.5%	67.5%	82.9%	88.6%
2018	92.9%	92.1%	91.2%	93.2%	84.3%	91.0%	94.8%
2019	92.5%	92.8%	90.8%	93.2%	83.2%	90.9%	93.9%
2020	92.3%	91.9%	88.6%	92.1%	81.4%	90.2%	90.9%
2021	90.4%	90.7%	84.8%	89.0%	79.9%	87.4%	87.7%
2022 YTD	87.6%	92.2%	90.0%	90.4%	86.3%	89.0%	90.3%

2017 2018 2019 2020 2021 2022 YTD



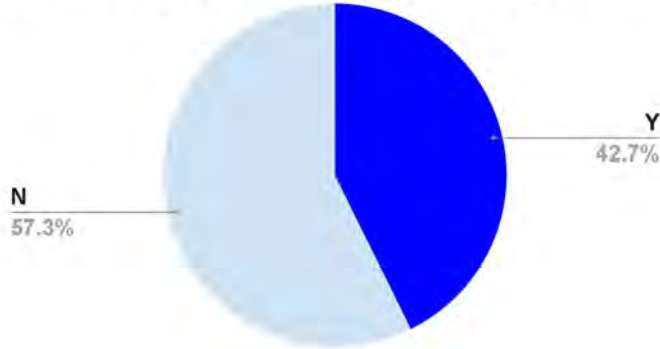
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Learner Perceptions

Student Feedback Collected During 2021

Percentage of Grade 3-5 Students Responding in 2021

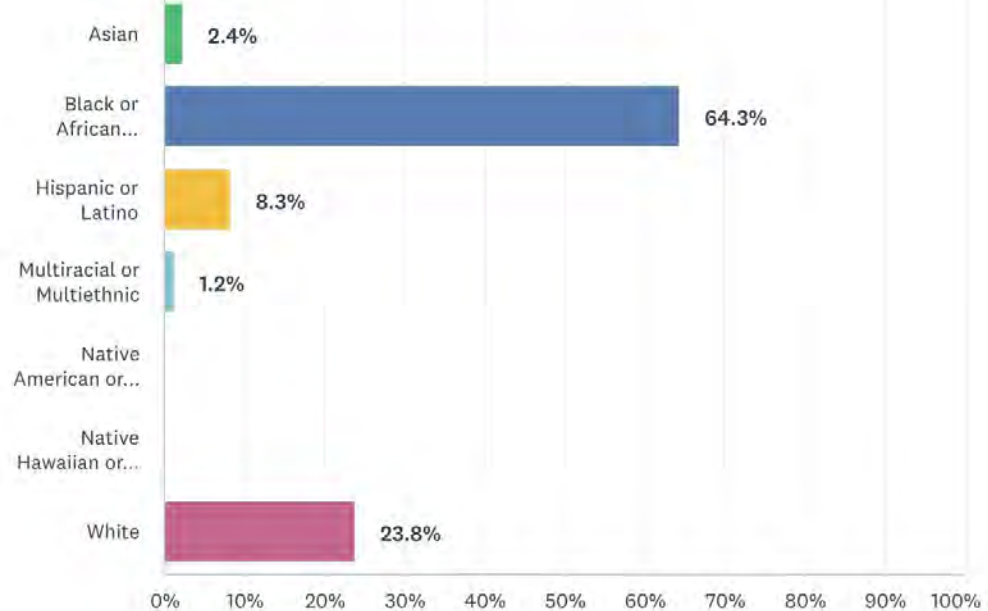


60.3% of students in Grades 3 and 5 provided feedback around the learning in 2021. The rate was 42.7% when considering grade 4 where no students took the survey.

- Grade 3 = 55
- Grade 4 = not collected
- Grade 5 = 36

(Note: Grade 4 had a long term sub during the survey window and results were not captured for 2021. We will be gathering new results in 2022.)

Respondents: Self-identify by race/ethnicity

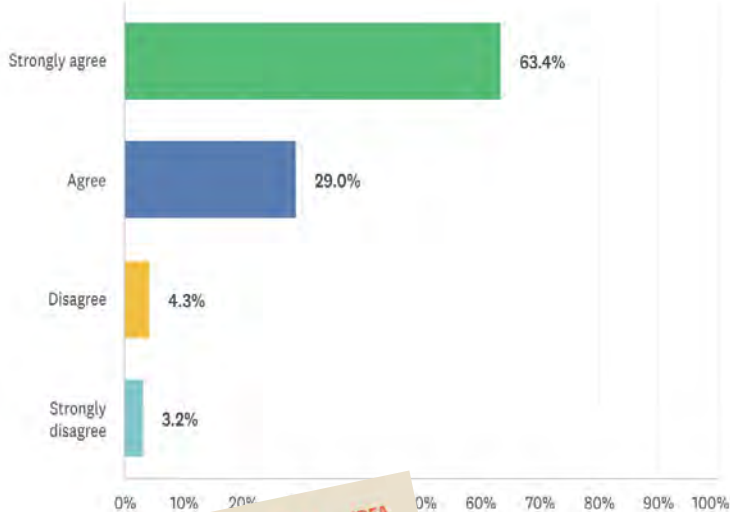


When considering who actually took the survey, Hispanic and Asian student voice is underrepresented by just 6.3 and 2 points, respectively. The students who identify in the White student population are over represented by just over 10 points. The Black student group response rate is representative of the overall population.

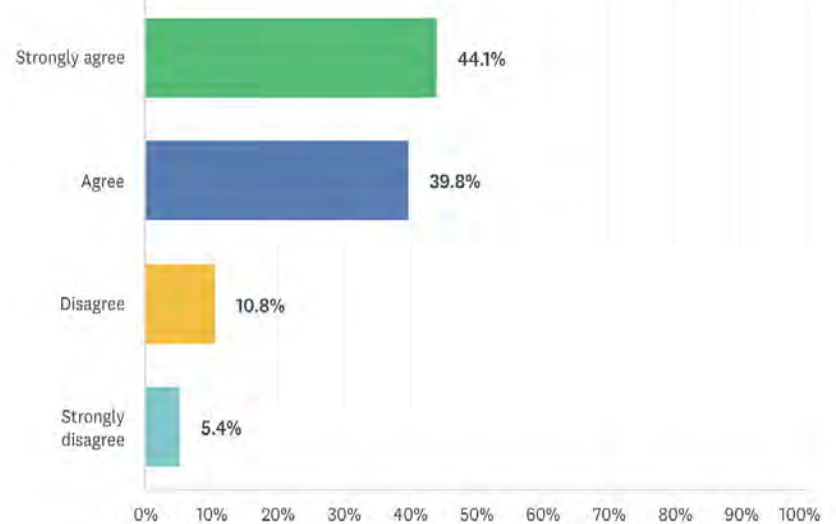
Care and Belonging

My teachers care about me. I feel like I belong at my school.

Answered: 93 Skipped: 0

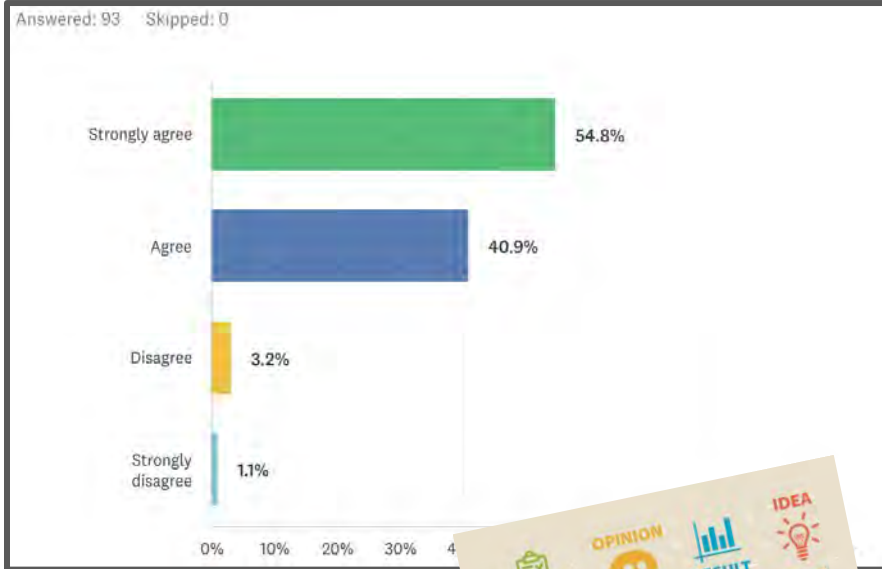


Answered: 93 Skipped: 0

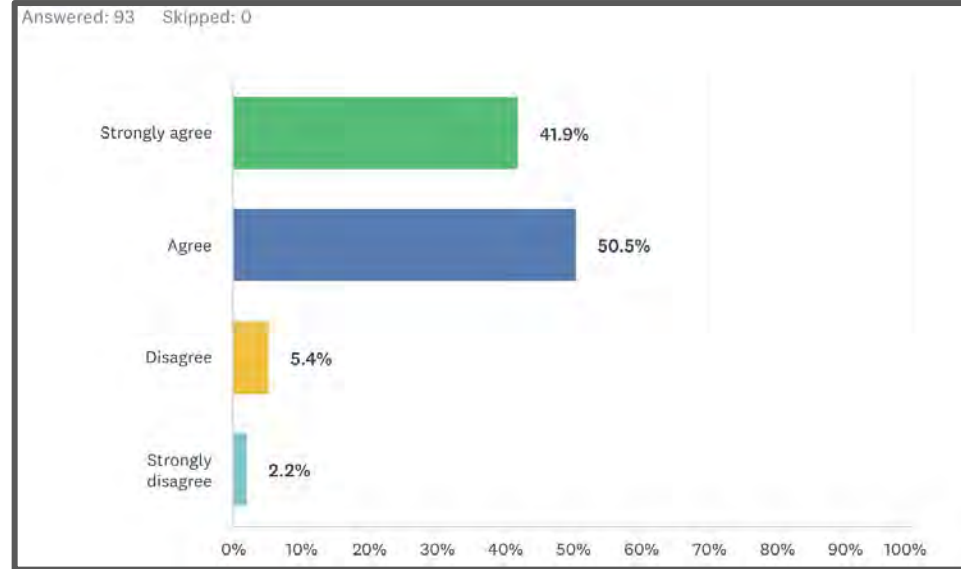


Support and Challenge

My teachers help me when I need it.



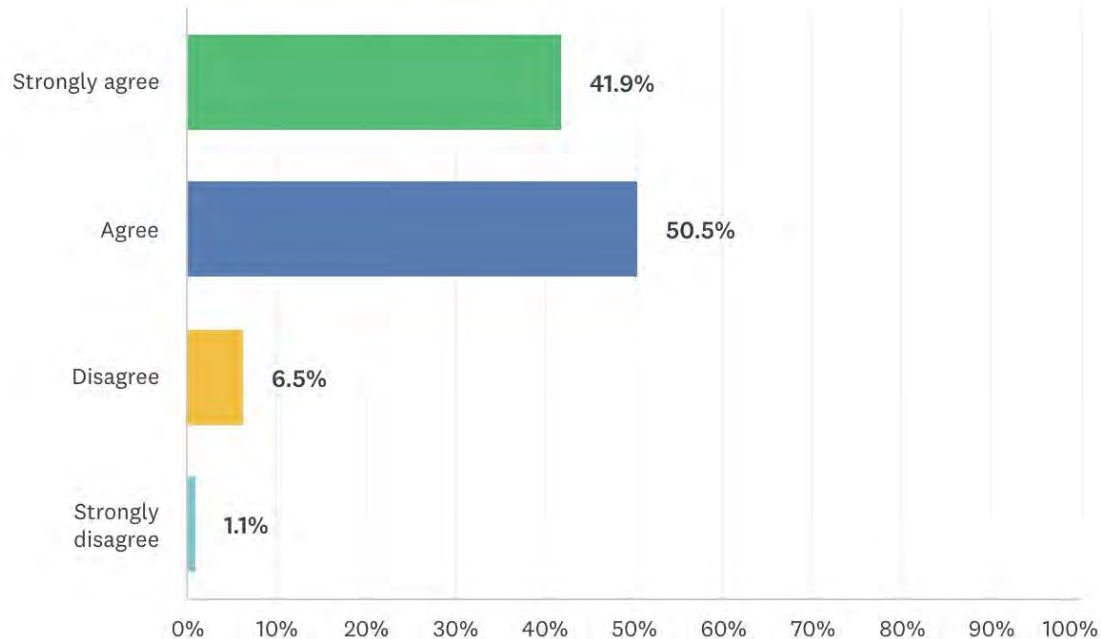
The work I do in class makes me think.



Relevance and Importance of the Learning at School

The things I learn in school are important to me.

Answered: 93 Skipped: 0





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School Improvement Planning

Continuous Improvement Process

2021-2022 SCHOOL IMPROVEMENT PLAN

DISCOVERY

SYSTEMIC DATA REVIEW

OVERARCHING BUILDING GOAL

- The percentage of all students enrolled in grades 3-5 at Discovery Elementary School for at least half of school year who are proficient on the reading state accountability tests (MCA) will increase from 25.7% in Spring 2019 to 38.6% in Spring 2022.
- The percentage of all students enrolled in grades 3-5 at Discovery Elementary School for at least half of school year who are proficient on the math state accountability tests (MCA) will increase from 22.1% in Spring 2019 to 35.7% in Spring 2022.

BUILDING-LEVEL DATA REVIEW

S.I.P. GOAL 1

Writing: K-5th grade teams will set daily writing goals and evaluate progress toward that goal at Leadership Team meetings. Grade level teams/EL team/writing committee will evaluate and lead curricular and supplemental writing PD by January 15th, 2022 that supports grade level daily writing goals.

IMPLEMENTATION PLAN

S.I.P. GOAL 2

STEAM: All teachers will co-teach two Science standards/labs per trimester in grades K-5 in the Discovery Science Lab. 100% of students will participate in Enrichment/STEAM

IMPLEMENTATION PLAN

S.I.P. GOAL 3

SEL: All students will continue to develop social emotional skills through Conscious Discipline, restorative practices and PBIS. All adults will use consistent CD language that promotes adult power and learner skills through noticing.

IMPLEMENTATION PLAN

RESPONSIVE SYSTEMS (P.L.T., M.T.S.S., etc.)



LEADERSHIP TEAM MEMBERS



Embracing Continuous Improvement

“... the combination of three concepts constitutes the foundation for positive improvement results: **meaningful teamwork**; clear, **measurable goals**; and the **regular collection and analysis of performance data**.”

- Mike Schmoker

Discovery SMART Goals for 2021-22

- The percentage of all students enrolled in grades 3-8 at Discovery for at least half of school year who are proficient on the **reading** state accountability tests (MCA) will increase from 25.7% in Spring 2019 to 38.6% in Spring 2022.
- The percentage of all students enrolled in grades 3-8 at Discovery for at least half of school year who are proficient on the **math** state accountability tests (MCA) will increase from 22.1% in Spring 2019 to 35.7% in Spring 2022.

Important Note: *These aggressive goals were established in August of 2021, based on the best available information, at the time. As of April 20, 2022 we have acquired eight additional months of understanding where learners are and where they need to go.*

We are looking forward to continuing to explore innovative ways to engage and intrinsically motivate all students at Discovery Community Elementary School

Projected Targets for Reading - Discovery Elementary School

Groups	2015	2016	2017	2018	2019	**2021		2022
	History	History	History	History	History	Covid YR	Participate Rates	Accelerated Target
All	26.4%	27.6%	33.5%	31.9%	25.7%	27.7%	89.2%	38.6%
Am Indian / Alaska Native	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Asian	40.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Black/African American	14.4%	12.8%	23.3%	25.7%	19.3%	24.2%	91.6%	33.4%
Hispanic/Latino	25.8%	13.8%	33.3%	29.2%	18.8%	4.0%	76.5%	33.0%
Native Hawaiian/Pacific Islander	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Two or More Races	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
White	47.7%	62.5%	45.0%	44.8%	50.0%	56.7%	93.8%	58.0%
Multi Lingual	18.9%	17.5%	30.1%	29.5%	20.0%	8.6%	92.9%	34.0%
Non Multi Lingual	45.0%	46.1%	48.9%	50.5%	41.6%	51.8%	83.8%	51.3%
Free & Reduced Price Lunch	23.4%	21.6%	28.4%	29.2%	22.6%	26.2%	89.3%	36.1%
Non Free & Reduced Price Meals	73.3%	75.0%	71.4%	58.8%	43.5%	40.0%	83.3%	52.8%
Special Education	13.0%	13.5%	15.6%	16.7%	22.2%	25.8%	73.3%	35.8%
Non Special Education	13.0%	13.5%	12.5%	18.2%	32.0%	28.0%	92.8%	43.6%
Homeless/Highly Mobile	29.4%	27.3%	50.0%	16.7%	0.0%	18.2%	91.7%	18.0%
Not Homeless/Highly Mobile	-	27.6%	33.1%	32.4%	27.6%	28.2%	88.9%	40.0%

Overall, reading proficiency rates were up by 2.0 points and participation dropped by 10.8 points compared to 2019 before COVID.

Keep in mind:

- Match Rates
- Fair Trends
- Blind Spots

Projected Targets for Math - Discovery Elementary School

Groups	2015	2016	2017	2018	2019	**2021		2022
	History	History	History	History	History	Covid YR	Participate Rate	Accelerated Target
All	26.6%	29.0%	28.3%	33.5%	22.1%	21.7%	87.6%	35.7%
Am Indian / Alaska Native**	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Asian	70.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Black/African American	13.5%	16.2%	15.5%	27.3%	16.2%	18.0%	89.7%	31.0%
Hispanic/Latino	29.0%	28.6%	37.0%	34.8%	12.5%	12.5%	73.5%	28.0%
Native Hawaiian/Pacific Islander	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
Two or More Races	0.0%	0.0%	0.0%	0.0%	0.0%	**	**	18.0%
White	45.5%	52.1%	43.9%	51.7%	32.6%	40.0%	93.9%	44.1%
Multi Lingual	20.2%	22.5%	24.0%	30.1%	19.6%	18.4%	92.0%	33.7%
Non Multi Lingual	8.4%	12.1%	13.1%	19.1%	12.2%	37.0%	83.4%	27.8%
Free & Reduced Price Lunch	24.2%	23.4%	25.4%	31.4%	19.4%	20.5%	88.3%	33.5%
Non Free & Reduced Price Meals	45.3%	44.7%	44.6%	48.4%	32.5%	33.3%	75.0%	44.0%
Special Education	15.6%	13.5%	12.5%	10.0%	14.8%	19.4%	73.3%	29.8%
Non Special Education	29.0%	32.1%	30.8%	38.1%	21.0%	22.2%	90.5%	34.8%
Homeless/Highly Mobile	29.0%	32.1%	30.5%	37.4%	20.6%	18.2%	84.6%	34.4%
Not Homeless/Highly Mobile	-	29.0%	28.1%	33.5%	22.0%	23.0%	88.9%	35.6%

Overall, math proficiency rates were down 1.6 points and participation dropped by 12.7 points compared to 2019 before COVID.

Keep in mind:

- Match Rates
- Fair Trends
- Blind Spots

2020-21 STAR Reading: Grades 2-5 COVID Results

Does Not Meet

↑ 19.2% (19) moved up

➔ 65.7% (65) stayed the same

↓ 0.0% (0) moved down

Partially meets

↑ 33.3% (14) moved up

➔ 31.0% (13) stayed the same

↓ 21.4% (9) moved down

Meets

↑ 0.0% (0) moved up

➔ 63.6% (35) stayed the same

↓ 23.6% (13) moved down

Findings:

- **90.8%** of students participated in both the Fall and Spring test events. Students missed these testing events for a variety of reasons.
- Of students who tested in both seasons, **51.0%** made expected or typical growth as measured by STAR.
- Changes in achievement are represented by movement between levels as shown above.
- This table highlights the percent of students moving and changing by performance level from Fall to Spring.

Some Next Steps:

- Continue to build back the stamina of students by engaging them in meaningful activities around literacy.
- Focus on foundational literacy skill building strategies.
- Encourage and teach students about a growth mindset and how the brain learns.
- Continue aligning our instruction by using appropriate interventions to match with student needs.

2021 STAR Math: Grades 2-5 COVID Results

Does Not Meet	↑ 21.2% (33) moved up	➖ 61.5% (96) stayed the same	↓ 0.0% (0) moved down
Partially meets	↑ 34.0% (18) moved up	➖ 35.8% (19) stayed the same	↓ 24.5% (13) moved down
Meets	↑ 20.5% (9) moved up	➖ 56.8% (25) stayed the same	↓ 11.4% (5) moved down
Exceeds	↑ 0.0% (0) moved up	➖ 50.0% (10) stayed the same	↓ 40.0% (8) moved down

Findings:

- **91.5%** of students participated in both the Fall and Spring test events. Students missed these testing events for a variety of reasons.
- Of students who tested in both seasons, **51.2%** made expected or typical growth as measured by STAR.
- Changes in achievement are represented by movement between levels as shown above.
- This table highlights the percent of students moving and changing by performance level from Fall to Spring.

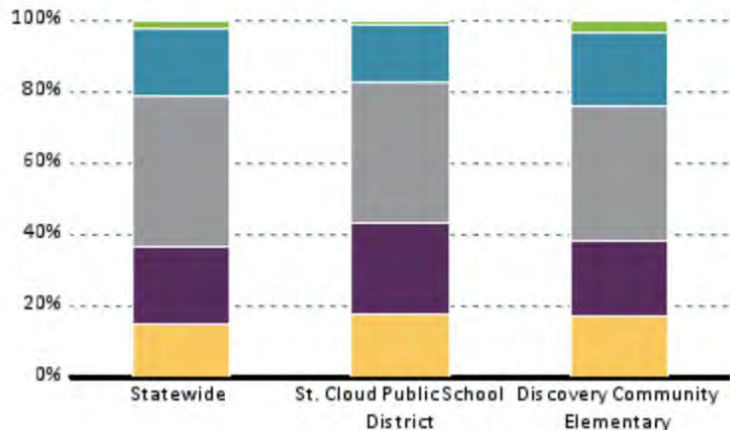
Some Next Steps:

- Continue to build back the stamina of students by engaging them in meaningful activities around math.
- Focus on a growth mindset and reducing math anxiety by helping students think mathematically.
- Implementing a new instructional strategy called CRA - [Concrete - Representational - Abstract](#)
- Continue aligning our instruction by using appropriate interventions to match with student needs

English Language Learners Proficiency on ACCESS

Student English Language Proficiency Level

2021 Composite - Overall ACCESS for ELLs Grade All Grades



Measure	Level 6	Level 5	Level 4	Level 3	Level 2	Level 1
Statewide						
Count	67	1,028	8,915	19,713	10,425	6,931
Percent	0.1%	2.2%	18.9%	41.9%	22.1%	14.7%
St. Cloud Public School District						
Count	2	20	282	704	458	310
Percent	0.1%	1.1%	15.9%	39.6%	25.8%	17.5%
Discovery Community Elementary						
Count	0	8	51	91	52	42
Percent	0.0%	3.3%	20.9%	37.3%	21.3%	17.2%

<u>Organization</u>	<u>Percent Proficient</u>	<u>Number Tested</u>
Statewide	8.6%	47,079
St. Cloud Public School District	6.5%	1,776
Discovery Community Elementary	12.7%	244

Findings:

95.6% of students receiving EL services at Discovery participated in ACCESS testing in 2021. Discovery outperformed the district and the state in overall percentage of students who met or exceeded expectations in 2021.





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Mental Health, Wellness and Sense of Belonging

The Discovery school community strives to create safe, supportive, and equitable learning environment that promotes all students' health, wellness and social and emotional development. By having a strong focus on engagement this year, and supporting a renewed commitment to learning; students, families and staff will continue to grow and thrive during this school year and beyond.

Maslow's before Bloom

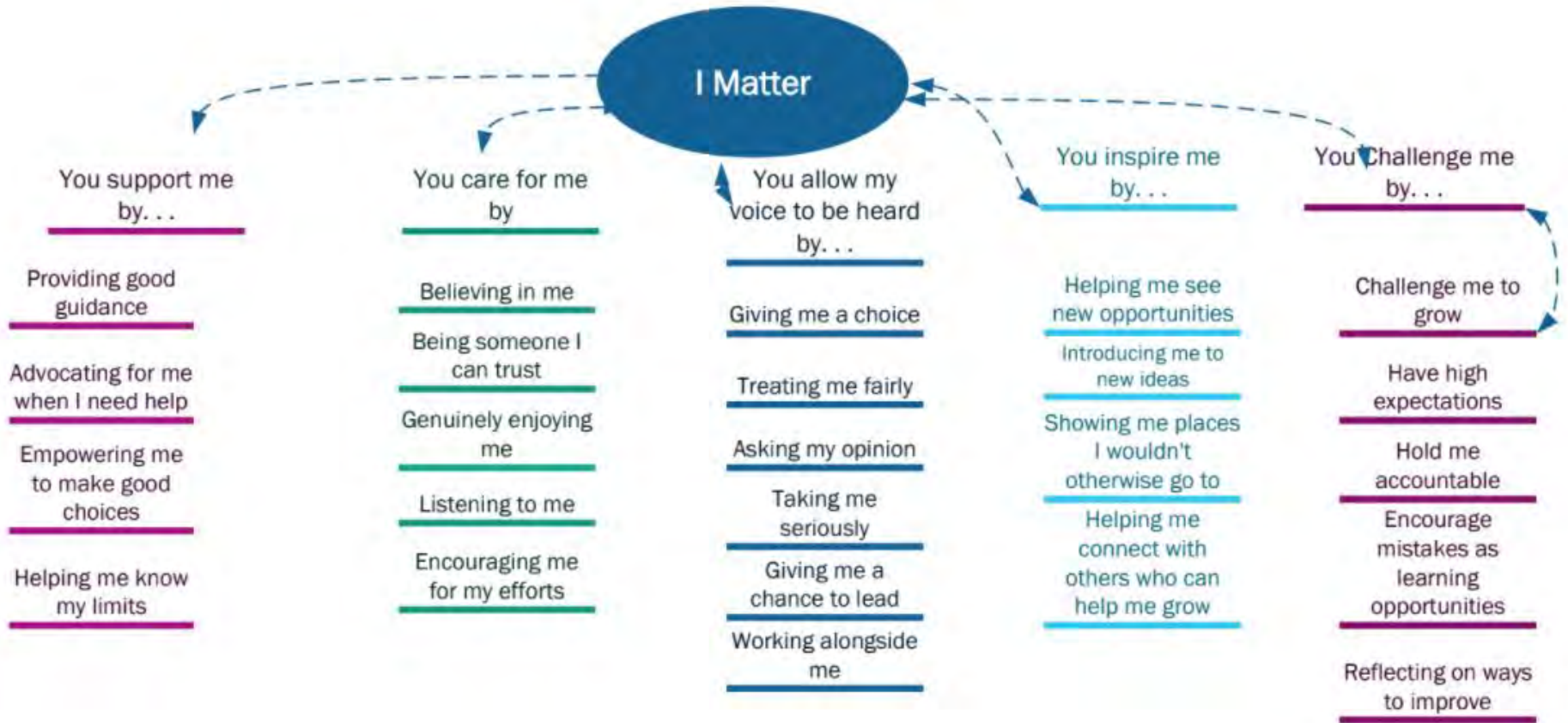
Maslow's Hierarchy of Needs



Bloom's Taxonomy

Improvement in Learning requires a focus on readiness to learn.

Measure what Matters





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Thank You!