

OFFICE OF ACADEMICS

Academics Update

March 29, 2022

Agenda



Interim Student Outcomes



Challenges and Barriers



What We Are Doing



Software Initiative Update



Next Steps



iReady Math K-5: How Do the District's Relative Placements Compare to the Benchmarks?

Fall 2021 Placement Distribution for District and Benchmarks

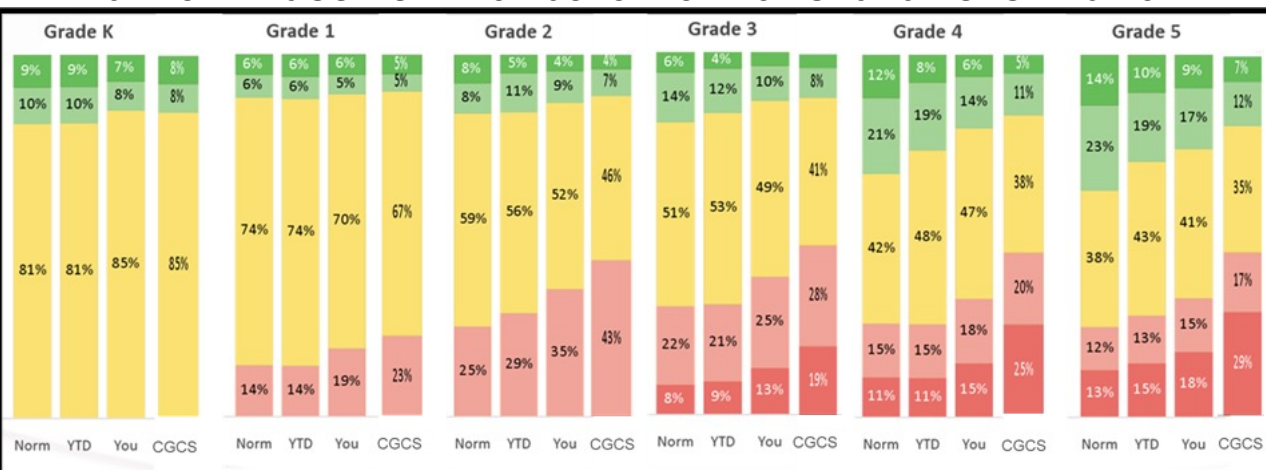
- Mid On-Grade or Above
- Early On-Grade
- 1 Grade Below
- 2 Grades Below
- 3+ Grades Below

Norm: Historical National Norms

YTD: Florida Year To Date

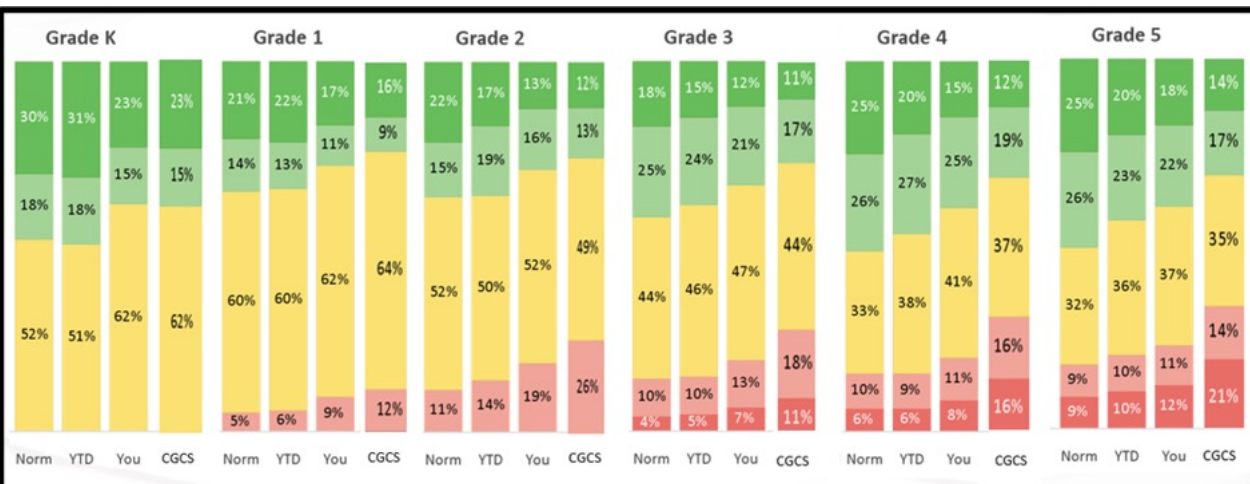
You: Broward

CGCS: Council of Great City Schools

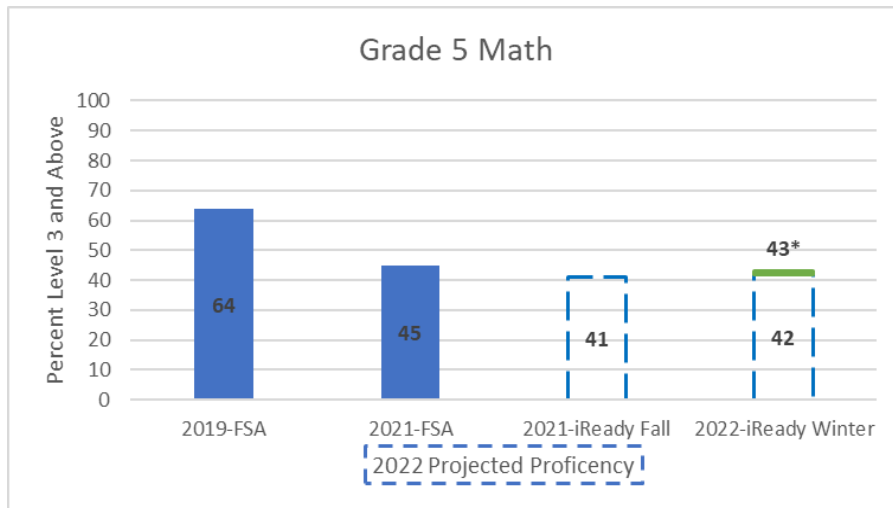
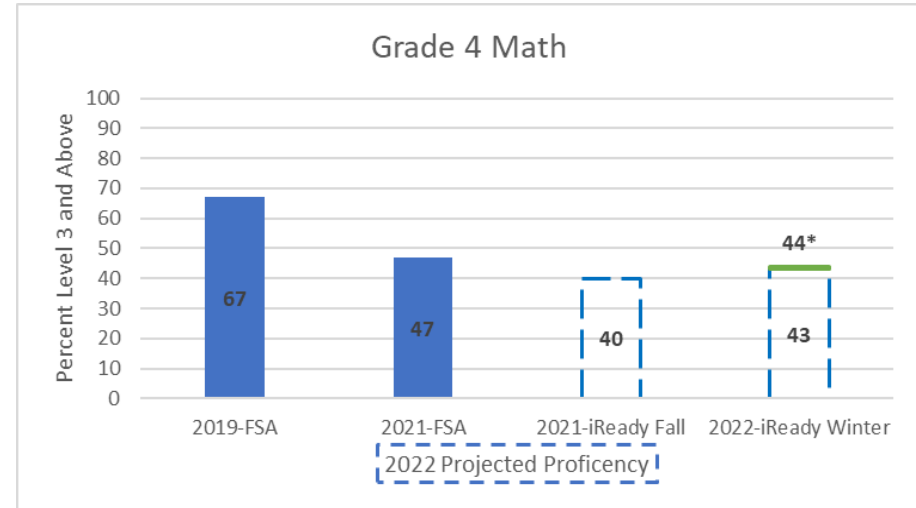
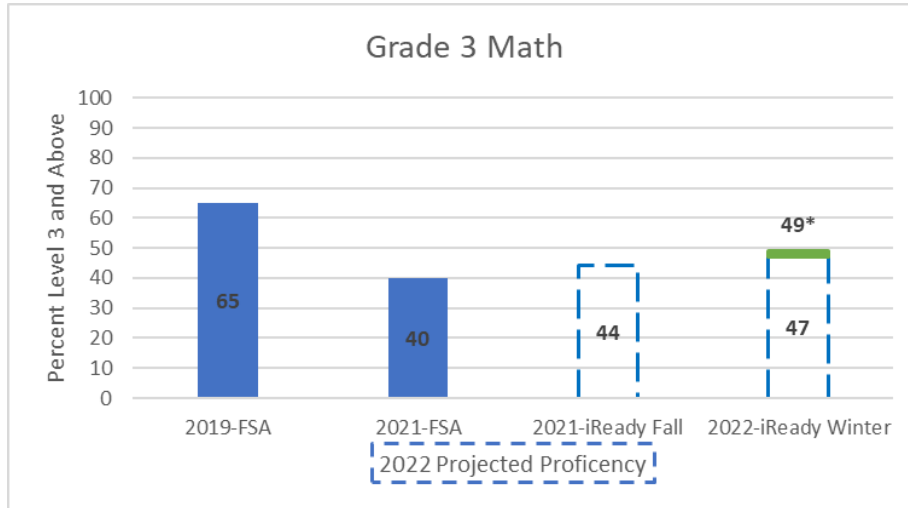


Winter 2022 Placement Distribution for District and Benchmarks

- iReady Math performance improved from Fall to Winter at each grade level.
- BCPS reduced the percentage of students who performed 2+ grades below at a greater rate compared to the state in grades 2 through 5.
- BCPS increased the percentage of students who performed 'early on-grade or above' at a greater rate compared to CGCS at each grade level. (K was equal.)



iReady Math (3-5) Projected Proficiency with Typical Growth



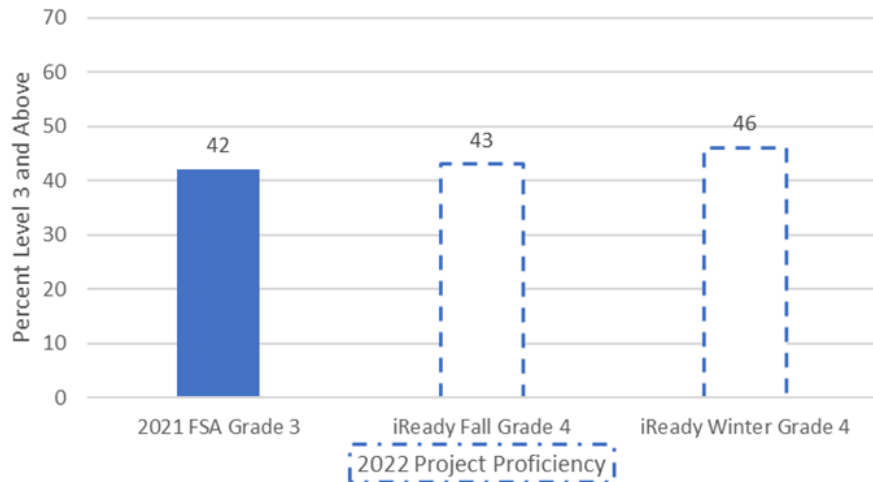
- Fall diagnostic shows projected proficiency with a year's worth of growth.
- Winter diagnostic shows an increase in projected proficiency with a year's worth of growth.
- **This increase of projected proficiency indicates that students exceeded a year's worth of typical growth.**

* Represents the value of a matched set of students who have iReady results for both Diagnostic 1 and 2.



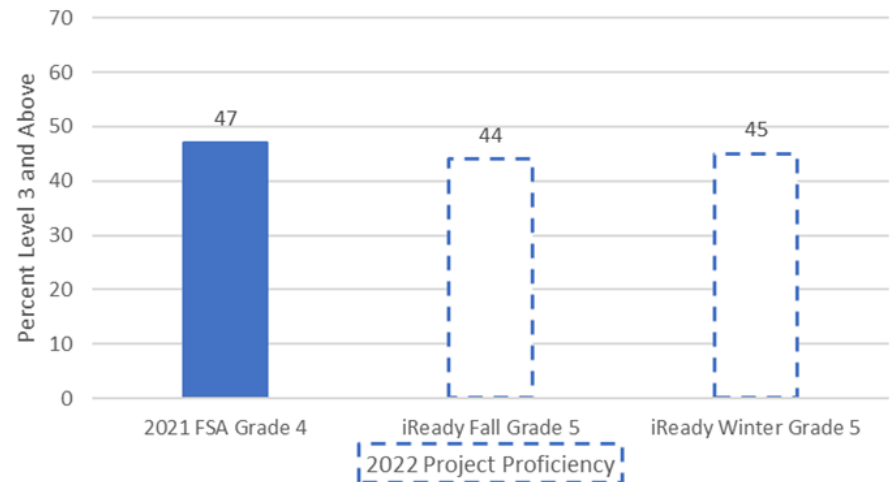
iReady Math Grades 4 & 5 Cohort Analysis: How Are the District's Students Moving Forward?

Cohort Analysis Grade 4 iReady Math



N=11,760

Cohort Analysis Grade 5 iReady Math



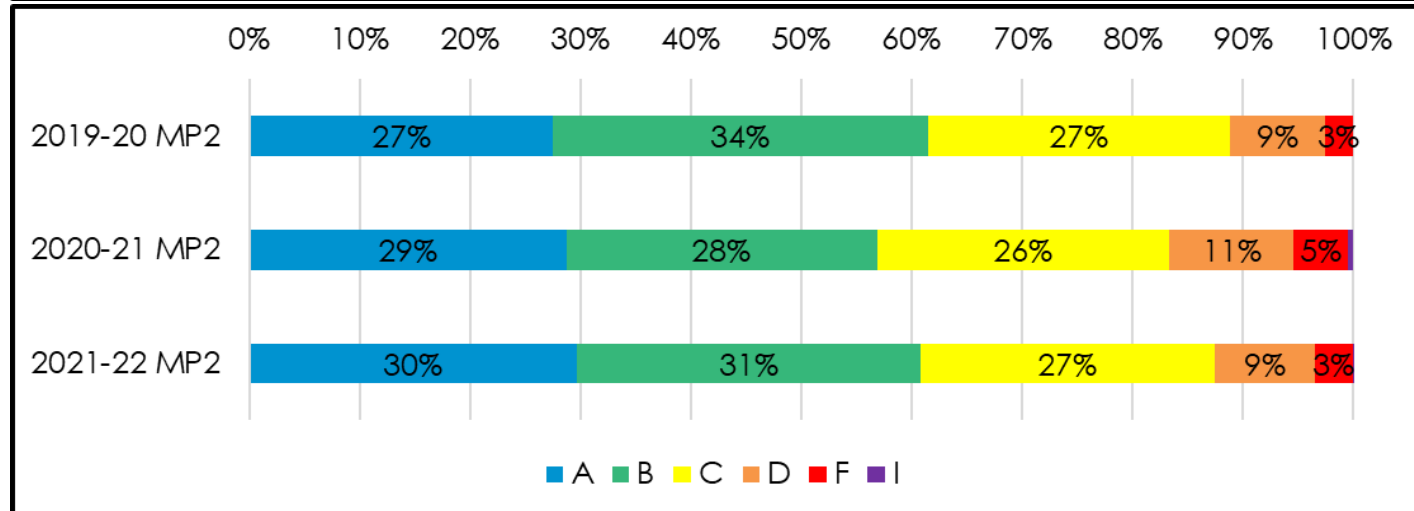
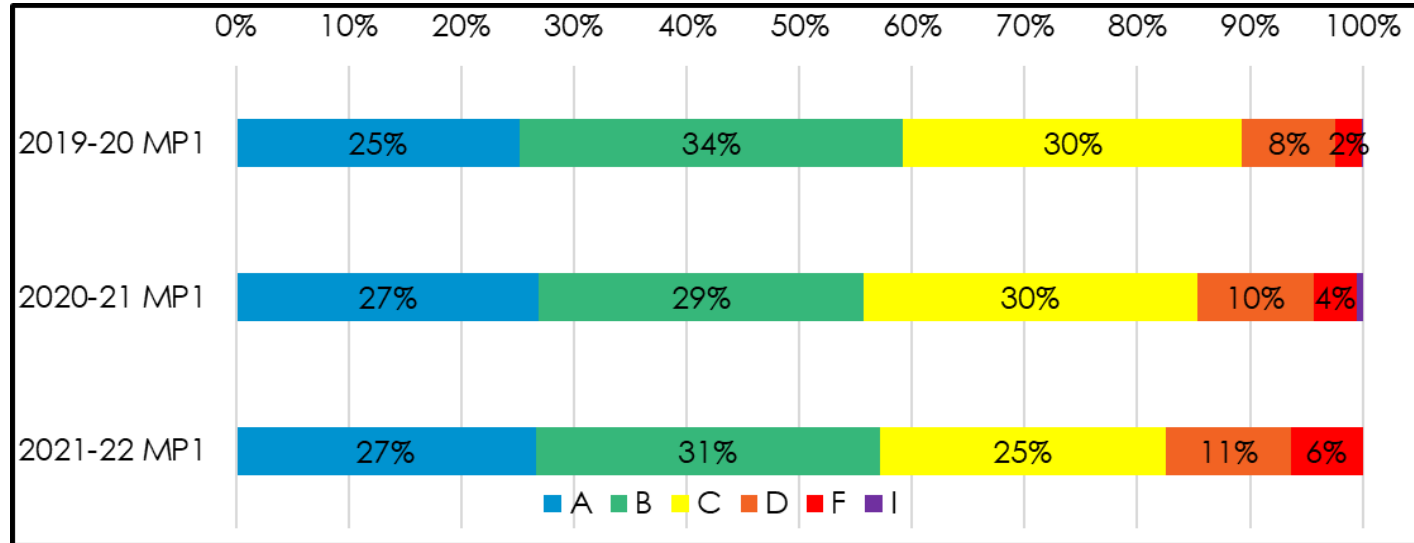
N=12,472

- Cohort analysis matched students who participated in Spring 2021 FSA, Fall 2021 iReady Diagnostic and Winter 2022 iReady Diagnostic.
- Grade 4 cohort increased four percentage points from Spring 2021 FSA to Winter 2022 iReady Diagnostic.
- Grade 5 cohort increased one percentage point from Fall to Winter iReady Diagnostics.



Marking Periods 1 & 2 Math Grade Distribution (Grades 3-5)

Elementary Math course grade distributions are close to returning to pre-pandemic levels.

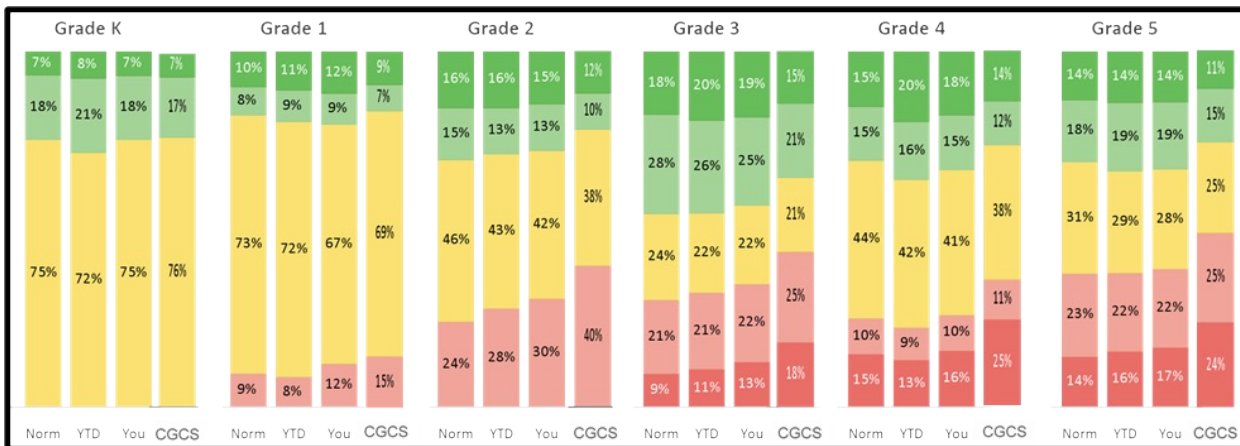


iReady Reading K-5: How Do the District's Relative Placements Compare to the Benchmarks?

Fall 2021 Placement Distribution for District and Benchmarks

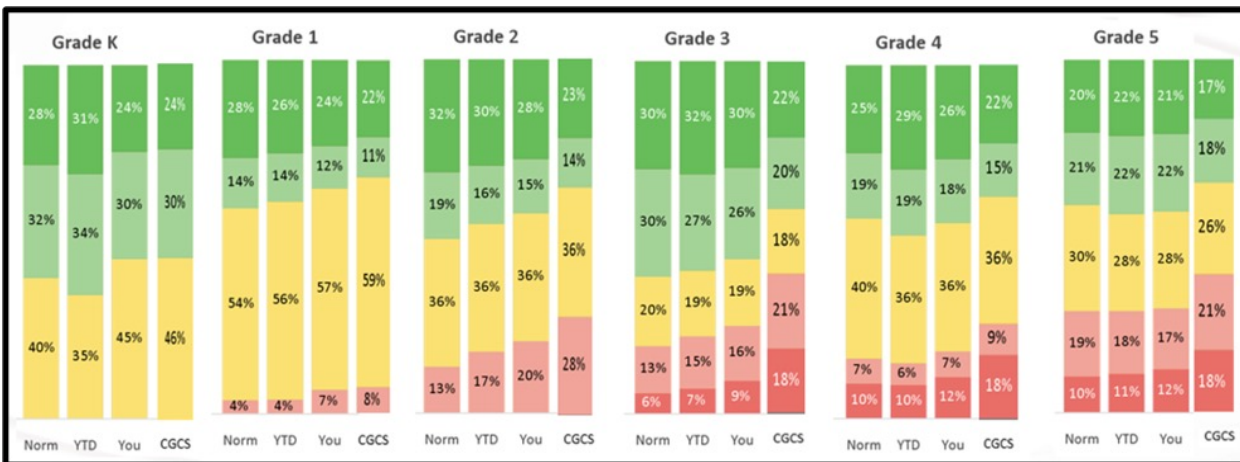
- Mid On-Grade or Above
- Early On-Grade
- 1 Grade Below
- 2 Grades Below
- 3+ Grades Below

Norm: Historical National Norms
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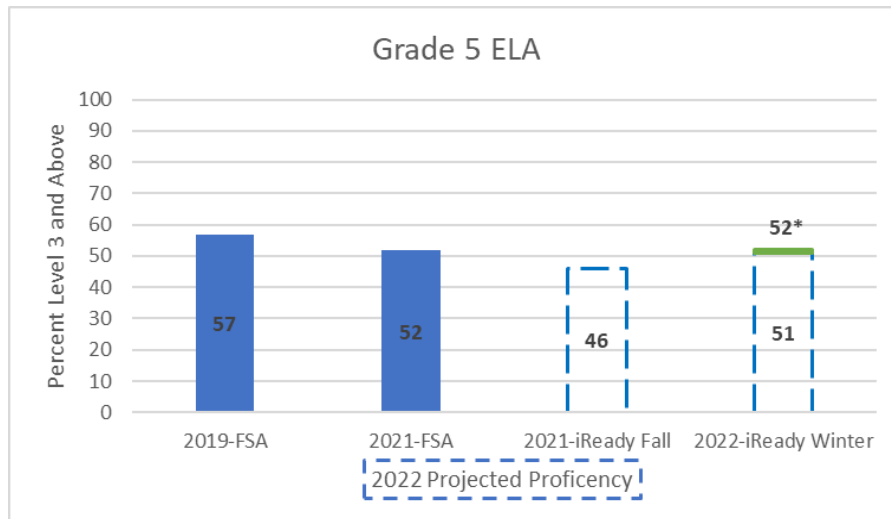
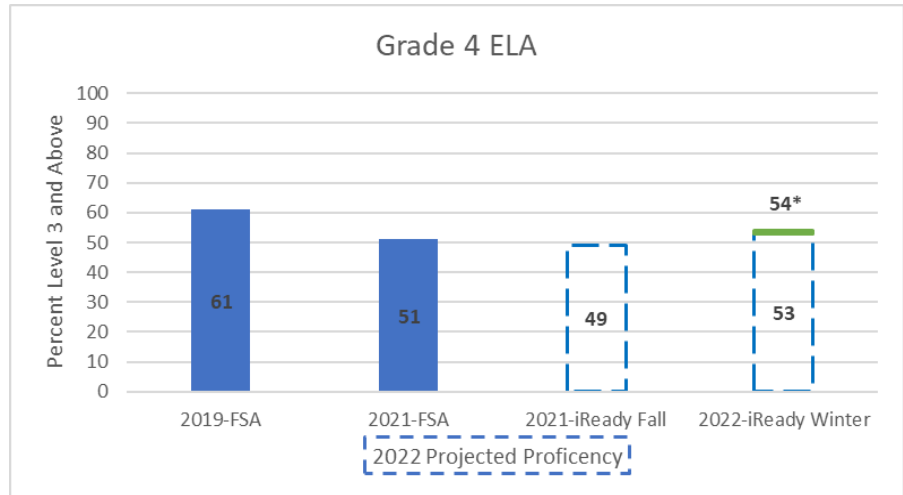
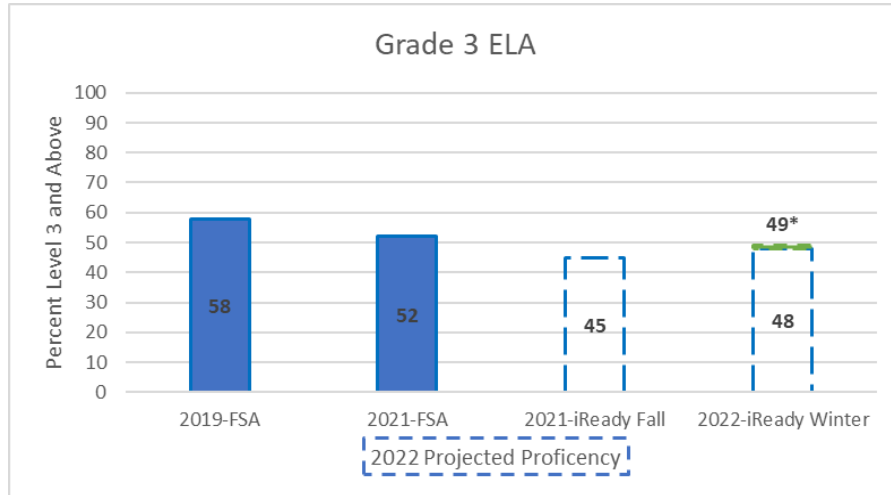


Winter 2022 Placement Distribution for District and Benchmarks

- iReady Reading performance improved from Fall to Winter.
- BCPS kept pace with the state at grades 4 and 5 in reducing the percentage of students who performed 2+ grades below.
- BCPS increased the percentage of students who performed 'early on-grade or above' at a greater rate compared to CGCS at grades 3 and 5. (Grades 2 and 4 were equal).



iReady Reading (3-5) Projected Proficiency with Typical Growth



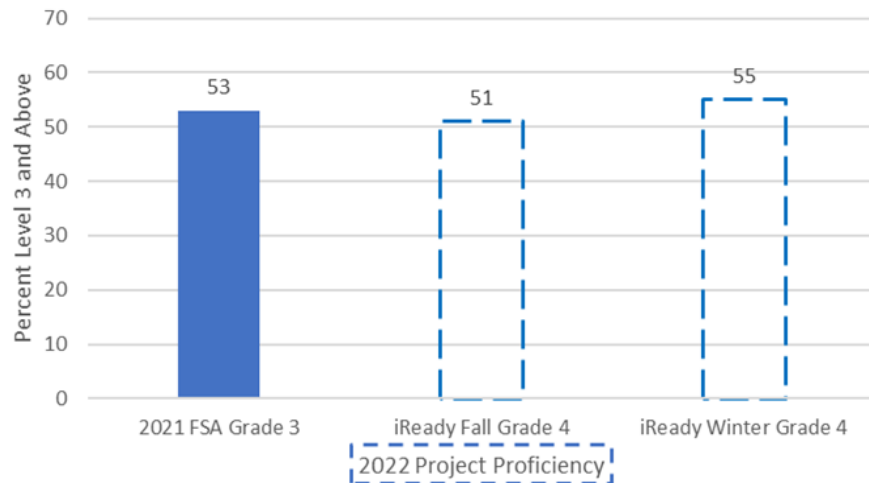
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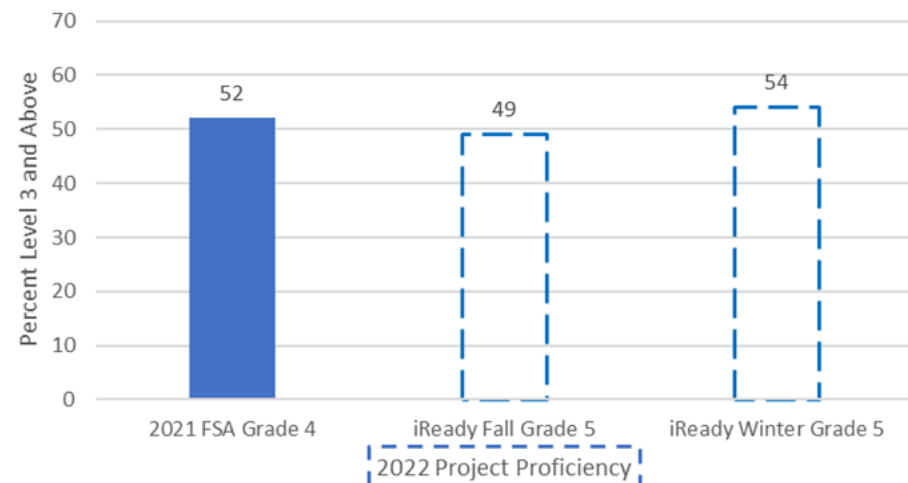
iReady Reading Grades 4 & 5 Cohort Analysis: How Are the District's Students Moving Forward?

Cohort Analysis Grade 4 iReady Reading



N=11,851

Cohort Analysis Grade 5 iReady Reading



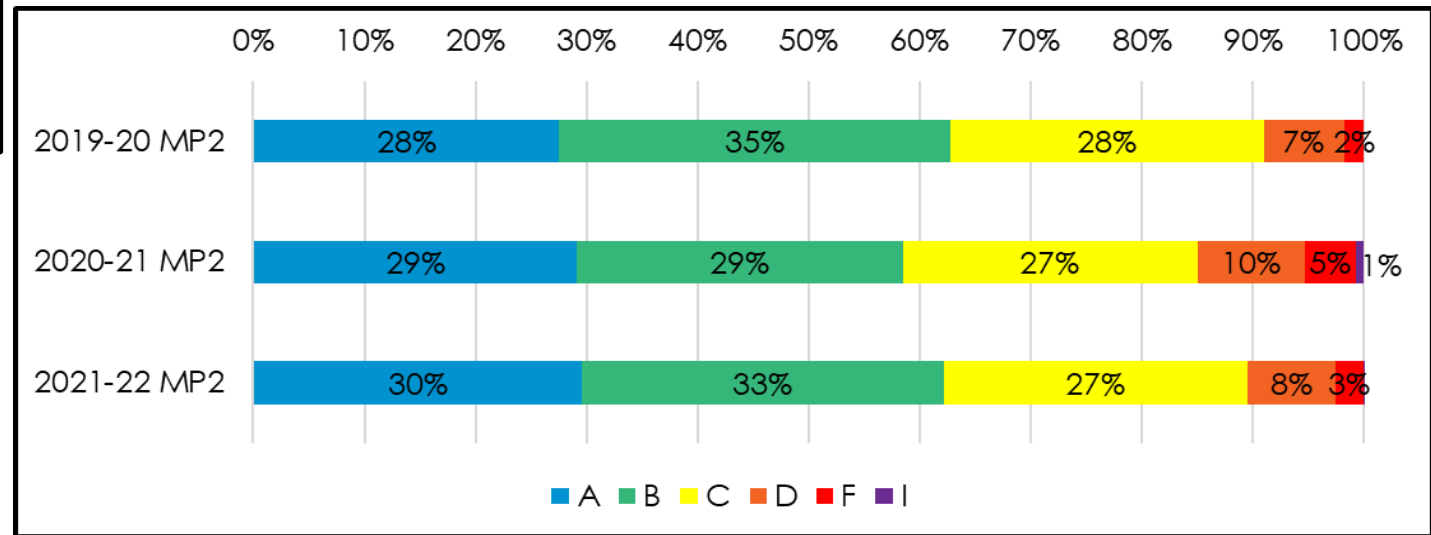
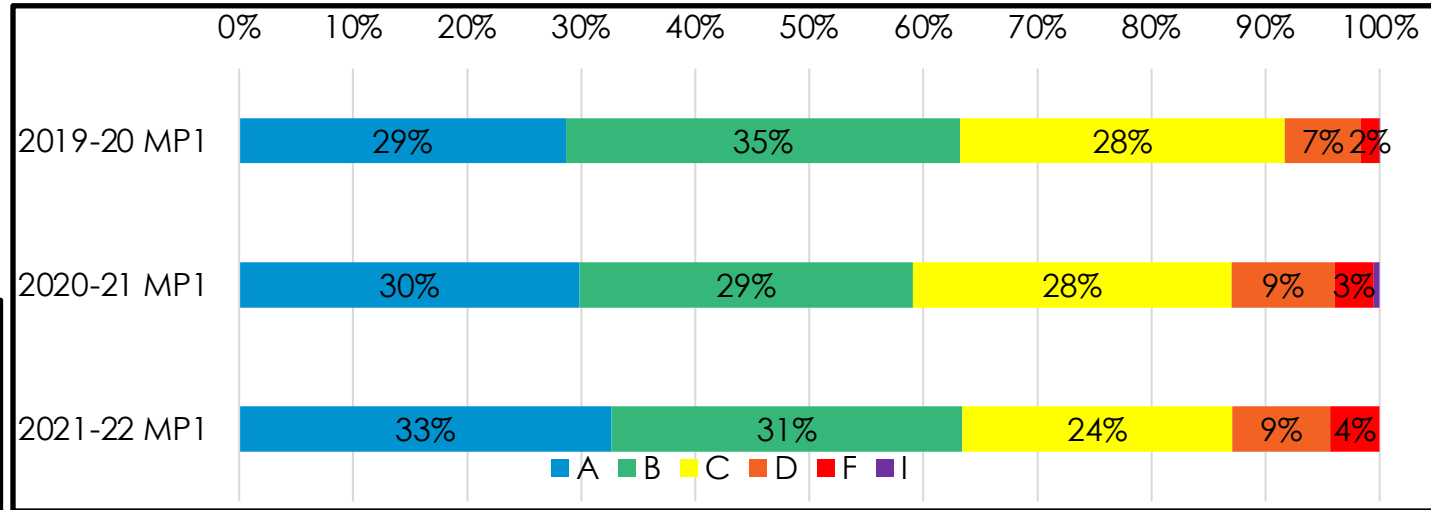
N=12,264

- Grade 4 and 5 cohorts increased two percentage points from Spring 2021 FSA to Winter 2022 iReady Diagnostic.
- Grade 4 cohort increased four percentage points from Fall to Winter iReady Diagnostics.
- Grade 5 cohort increased five percentage points from Fall to Winter iReady Diagnostics.



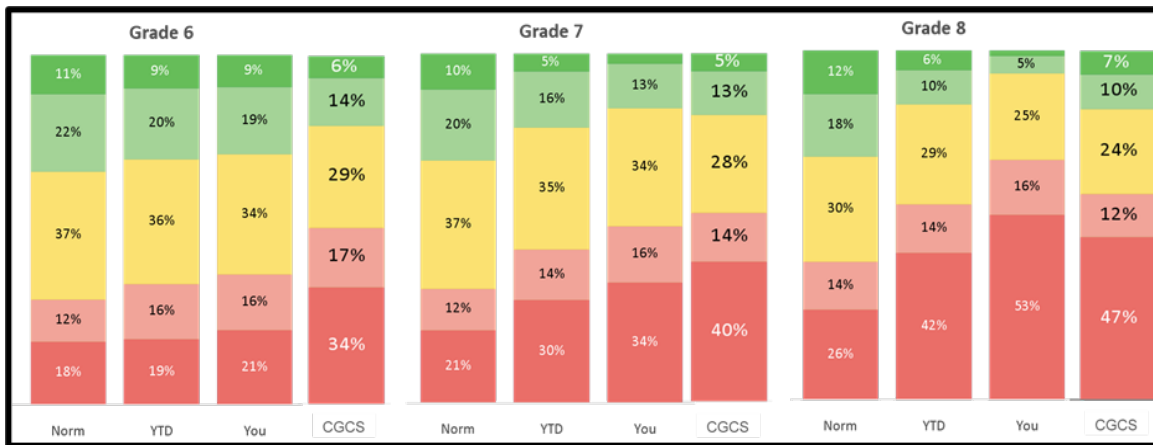
Marking Periods 1 & 2 ELA Grade Distribution (Grades 3-5)

Elementary ELA course grade distributions are approaching pre-pandemic levels.



iReady Math 6-8: How Do the District's Relative Placements Compare to the Benchmarks?

Fall 2021 Placement Distribution for District and Benchmarks



Note: Grade 7 & 8 math performance for BCPS does not include all Algebra and Geometry students, while the state and national norms might include a higher percentage of Algebra and Geometry students.

- Mid On-Grade or Above
- Early On-Grade
- 1 Grade Below
- 2 Grades Below
- 3+ Grades Below

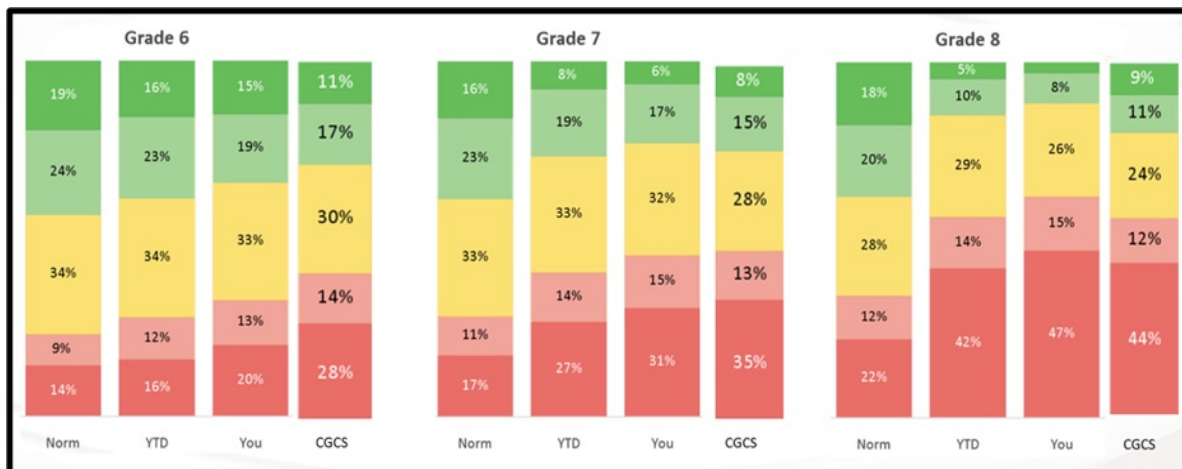
Norm: Historical National Norms

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Winter 2022 Placement Distribution for District and Benchmarks

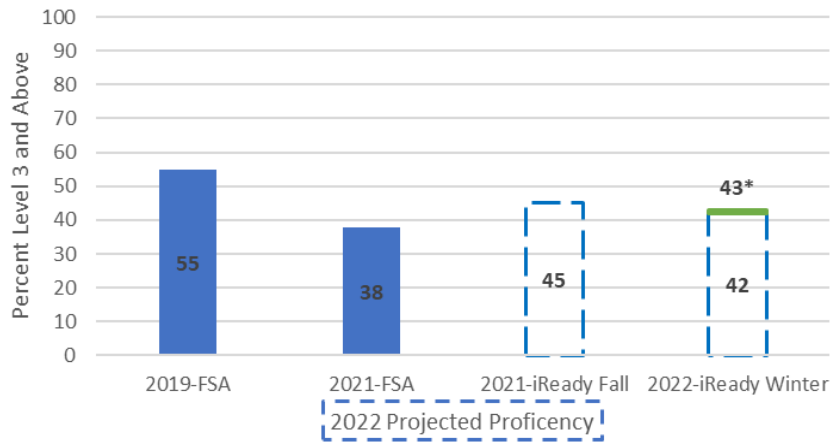


- BCPS increased the percentage of students performing on or above grade level from Fall to Winter.
- BCPS made more growth relative to the state in grades 7 and 8 by reducing the percentage of students who performed 2+ grades below.
- BCPS increased the percentage of students who performed 'early on-grade or above' at a greater rate compared to CGCS at grades 7 and 8.

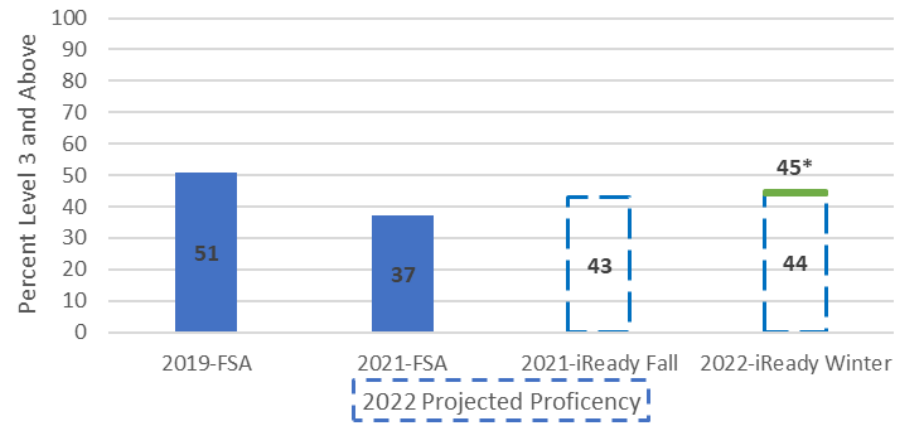


iReady Math (6-8) Projected Proficiency with Typical Growth

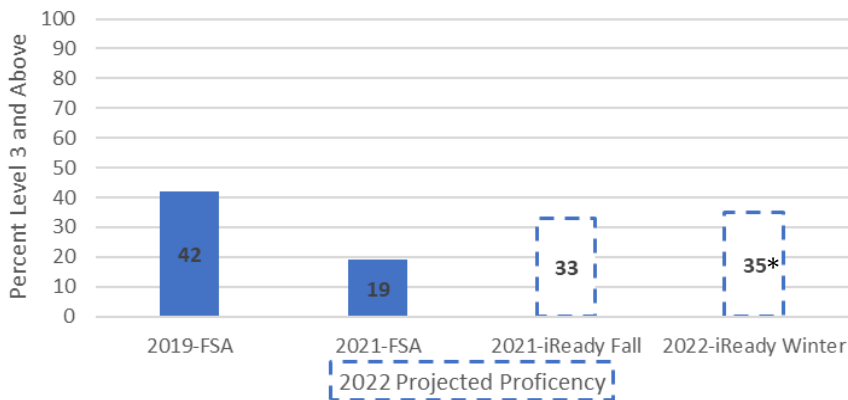
Grade 6 Math



Grade 7 Math



Grade 8 Math (Not Including Algebra)

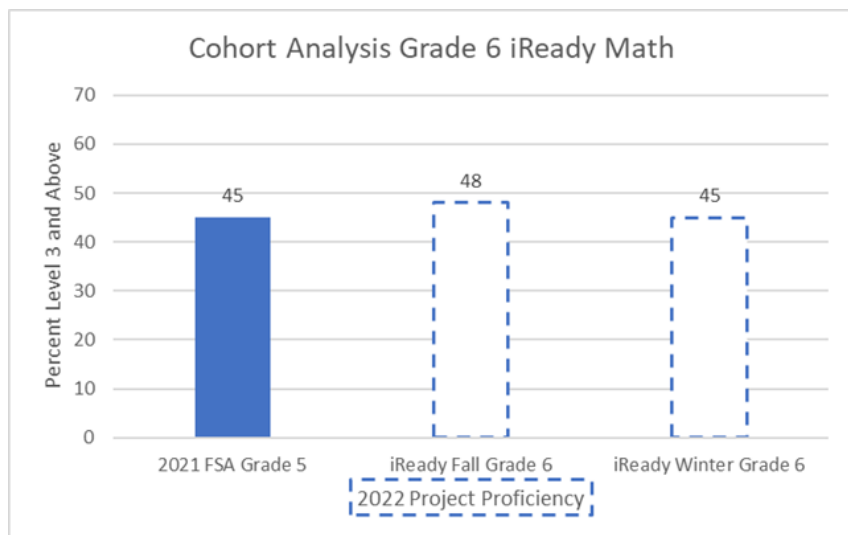


- Fall and Winter diagnostics results show projected proficiency has exceeded 2021 FSA.
- **Grade 8 Math projected proficiency performance increased over 15 percentage points compared to 2021 Grade 8 Math FSA.**

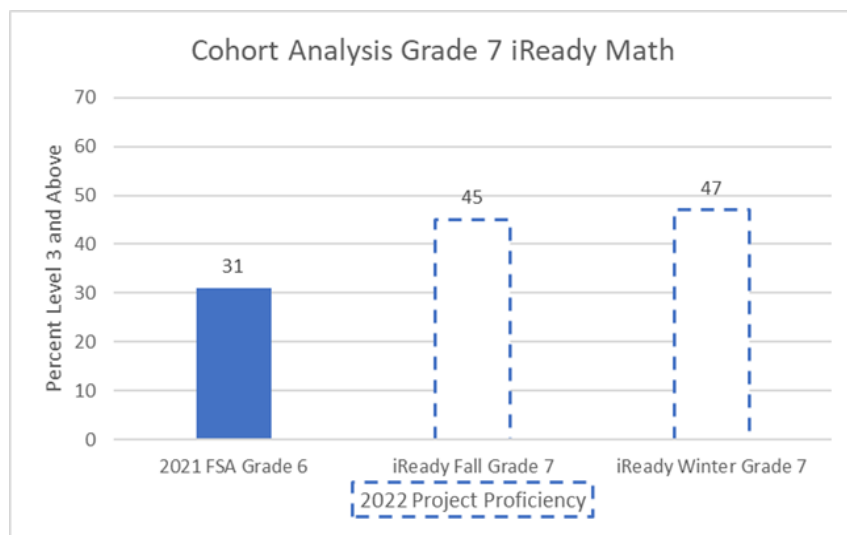
* Represents the value of a matched set of students who have iReady results for both Diagnostic 1 and 2.



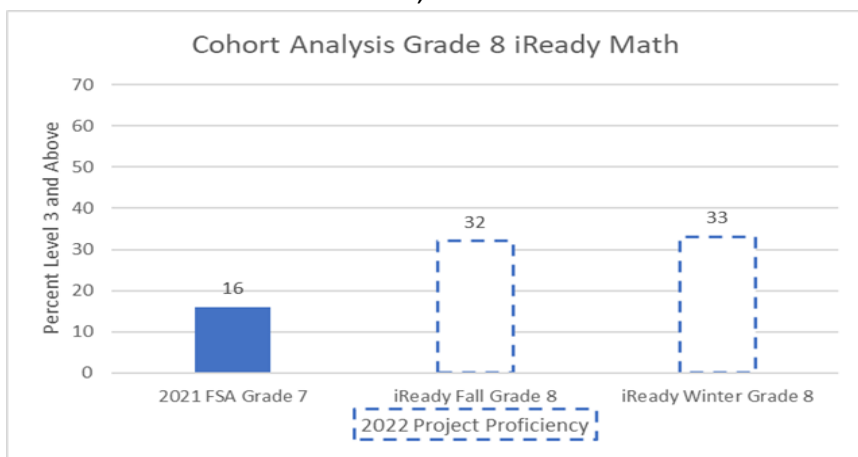
iReady Mathematics Grades 6 - 8 Cohort Analysis: How Are the District's Students Moving Forward?



N=10,551



N=8,972



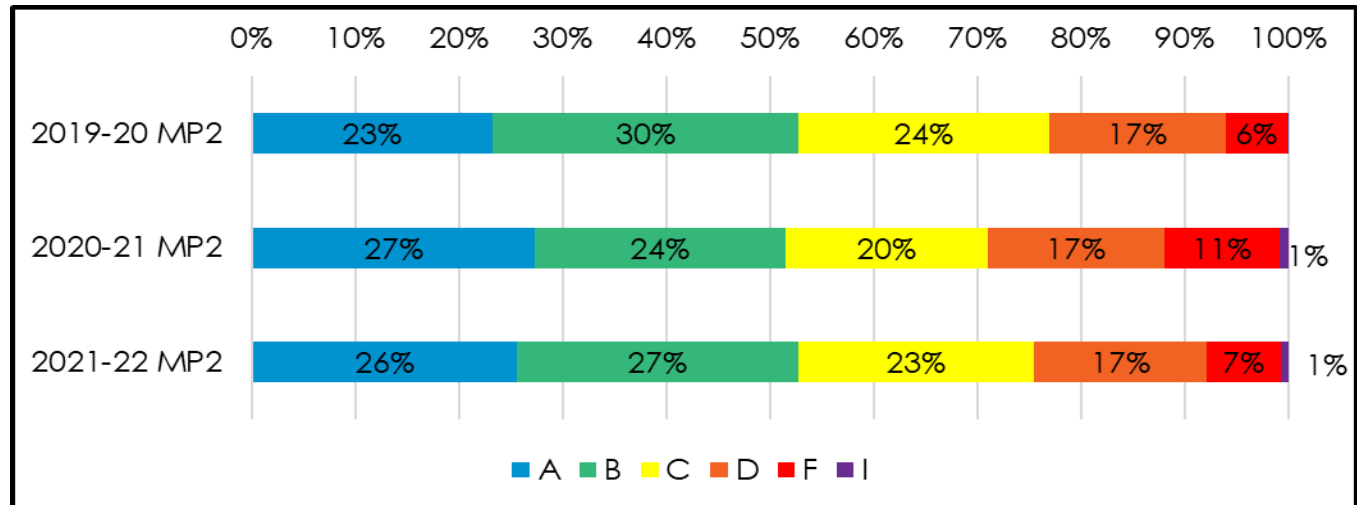
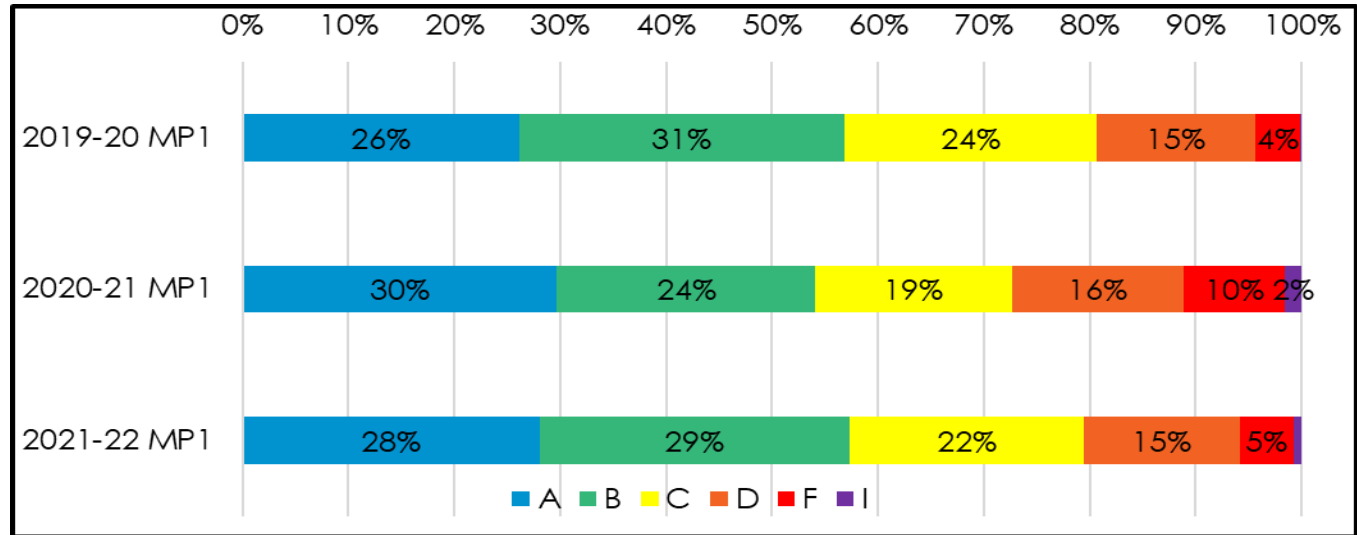
N=5,498

- Grade 7 cohort increased 16 percentage points from Spring 2021 FSA to Winter 2022 iReady Diagnostic.
- Grade 8 cohort increased 17 percentage points from Spring 2021 FSA to Winter 2022 iReady Diagnostic.



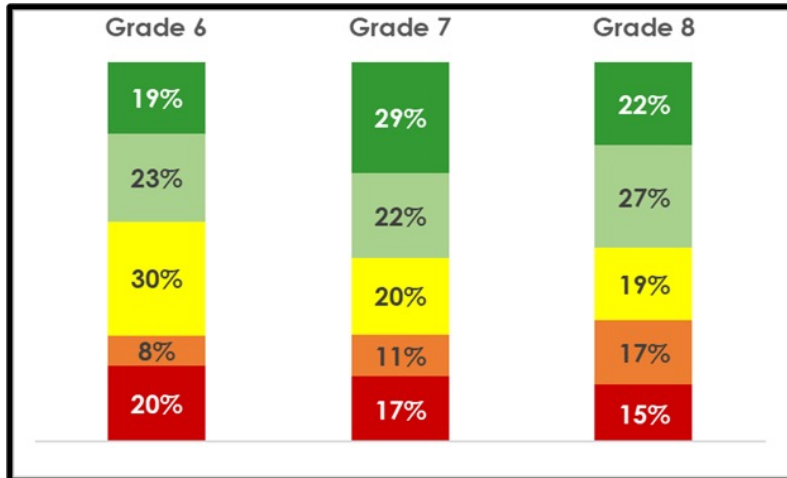
Marking Periods 1 & 2 Math Grade Distribution (Grades 6-8)

Middle School Math course grade distributions are trending in a positive direction.



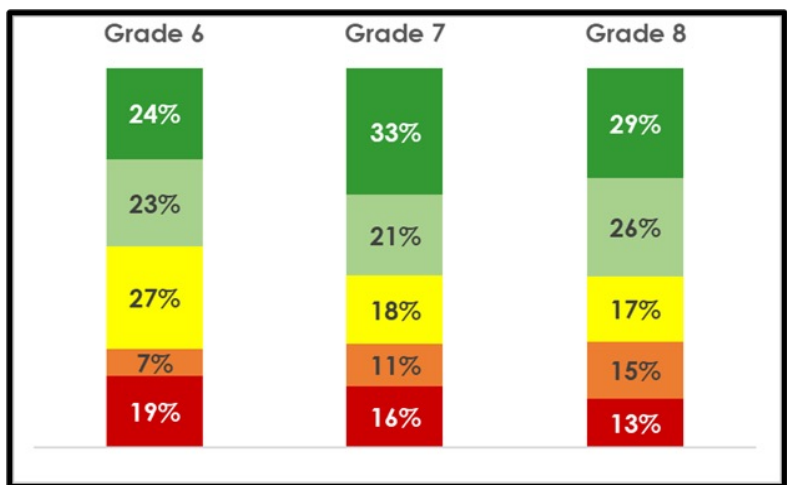
Houghton Mifflin Harcourt (HMH) ELA 6-8: How Do the District's Relative Placements Compare Fall to Winter?

Fall 2021 Placement Distribution for District



- 1 or More Years Above Grade-Level
- On Grade-Level
- Within One Year of Grade-Level
- 1-2 Years Below Grade-Level
- 2+ Years Below Grade-Level

Winter 2022 Placement Distribution for District



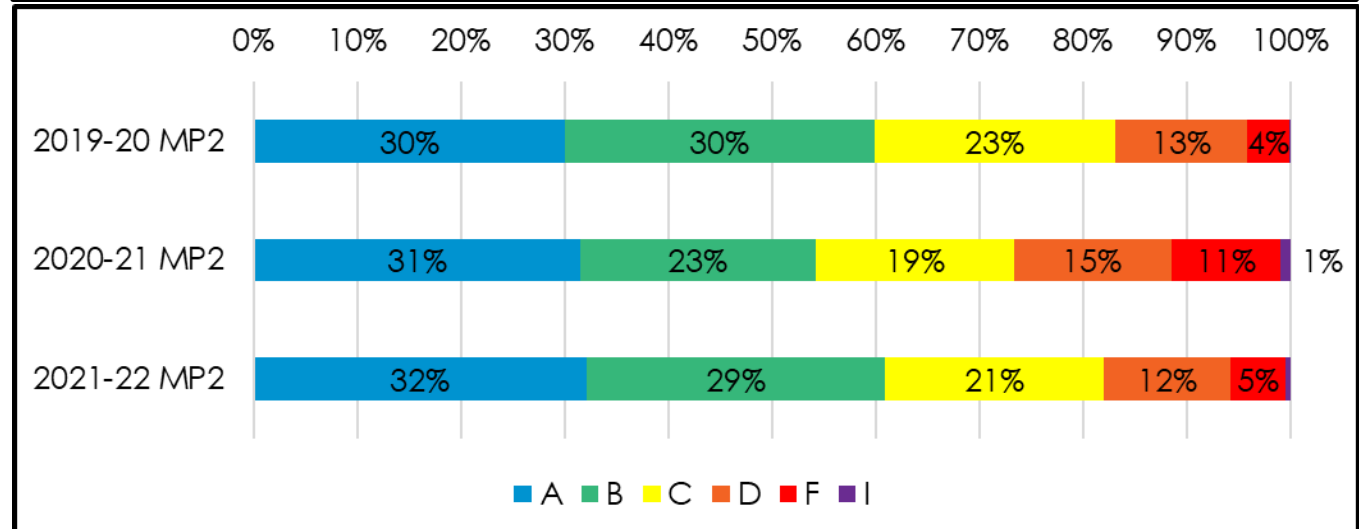
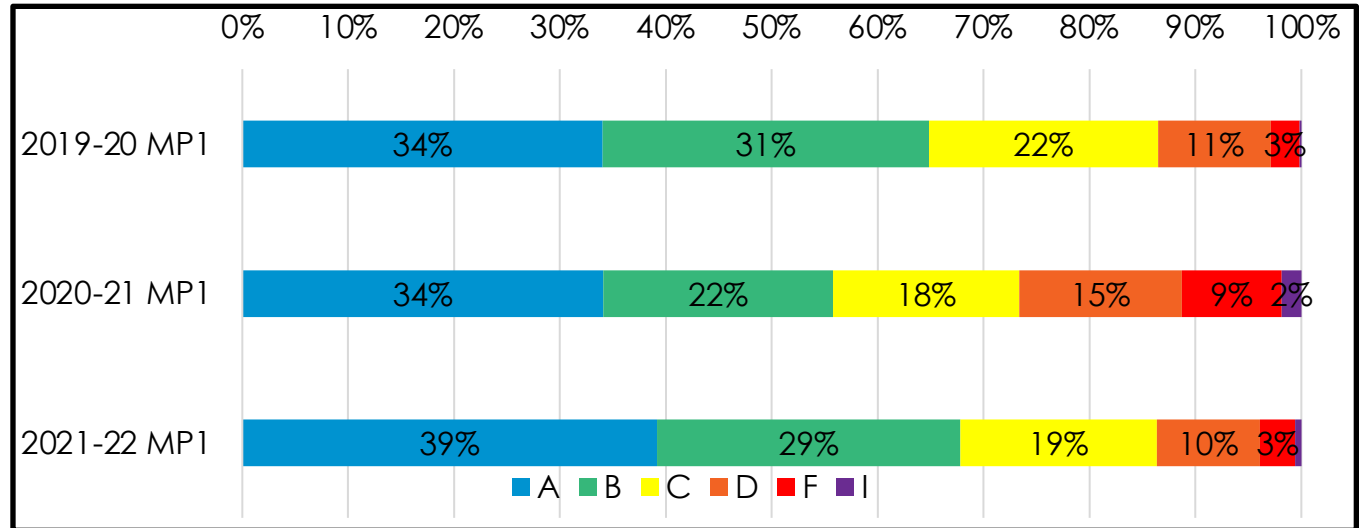
Growth from Fall to Winter for percent on or above grade-level (light green and dark green):

- Grade 6 improved by five percentage points.
- Grade 7 improved by three percentage points.
- Grade 8 improved by six percentage points.



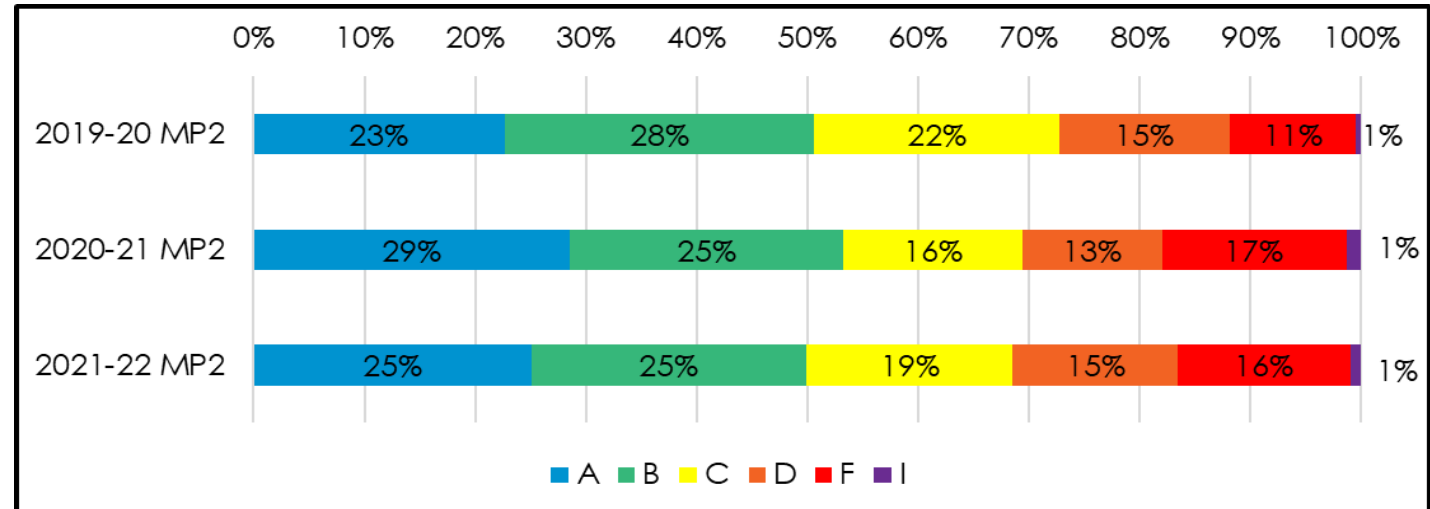
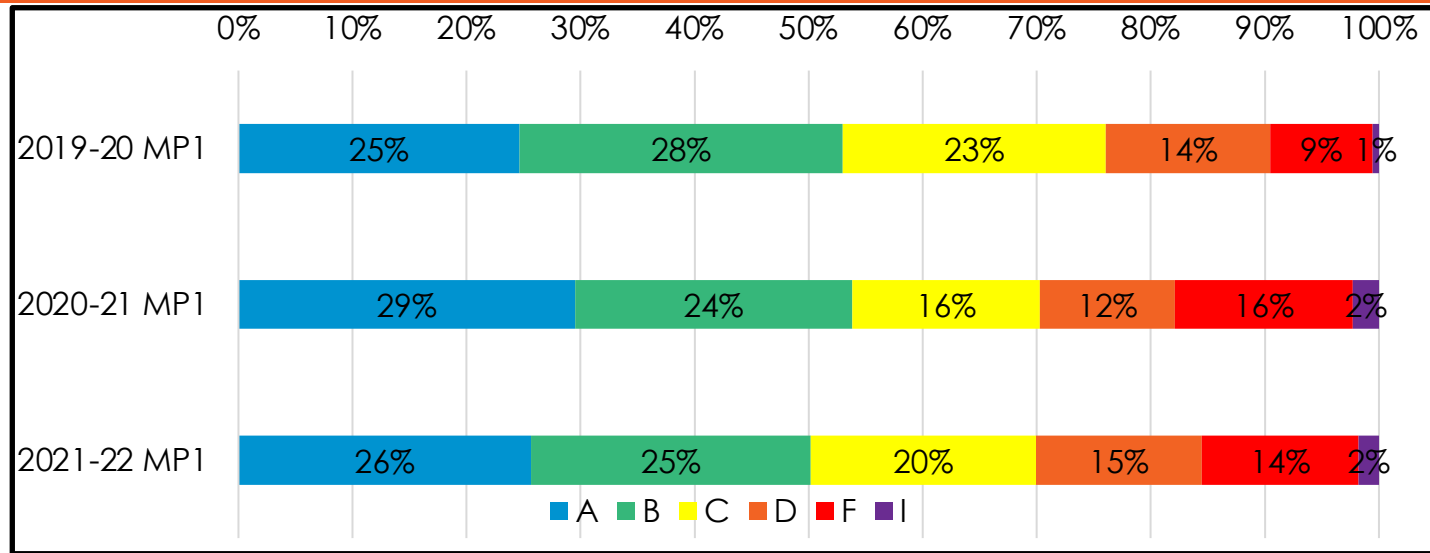
Marking Periods 1 & 2 ELA Grade Distribution (Grades 6-8)

Middle School
ELA course grade
distributions are
returning to
pre-pandemic
levels.



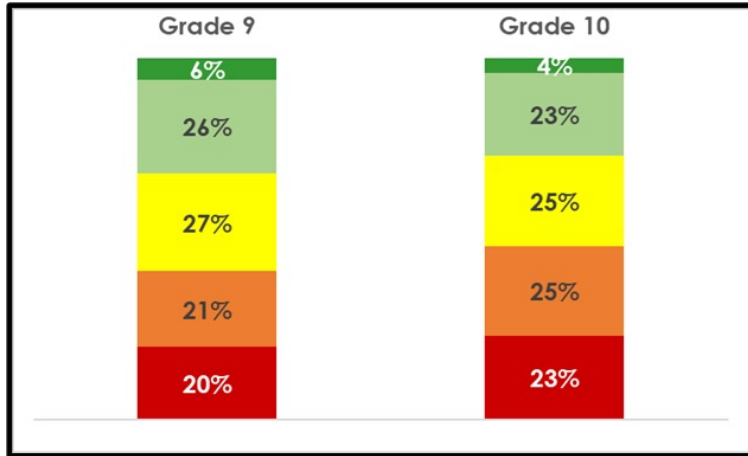
Marking Periods 1 & 2 Math Grade Distribution (Grades 9-12)

High School
Math course
grade
distributions
have not
yet returned
to pre-
pandemic
levels.



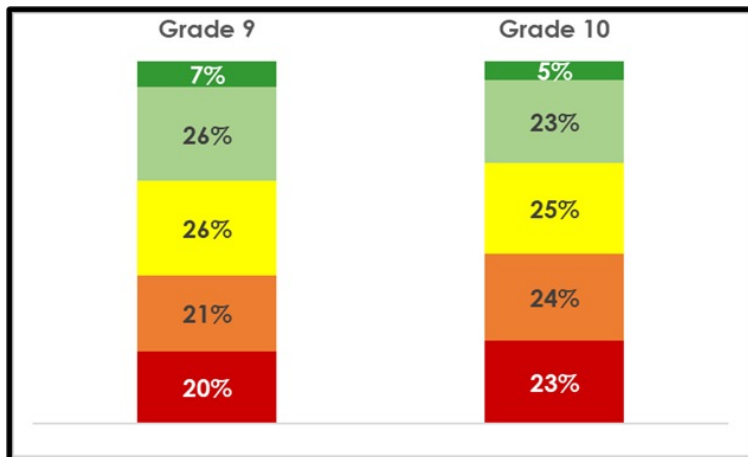
Houghton Mifflin Harcourt (HMH) ELA 9-10: How Do the District's Relative Placements Compare Fall to Winter?

Fall 2021 Placement Distribution for District



- 1 or More Years Above Grade-Level
- On Grade-Level
- Within One Year of Grade-Level
- 1-2 Years Below Grade-Level
- 2+ Years Below Grade-Level

Winter 2022 Placement Distribution for District



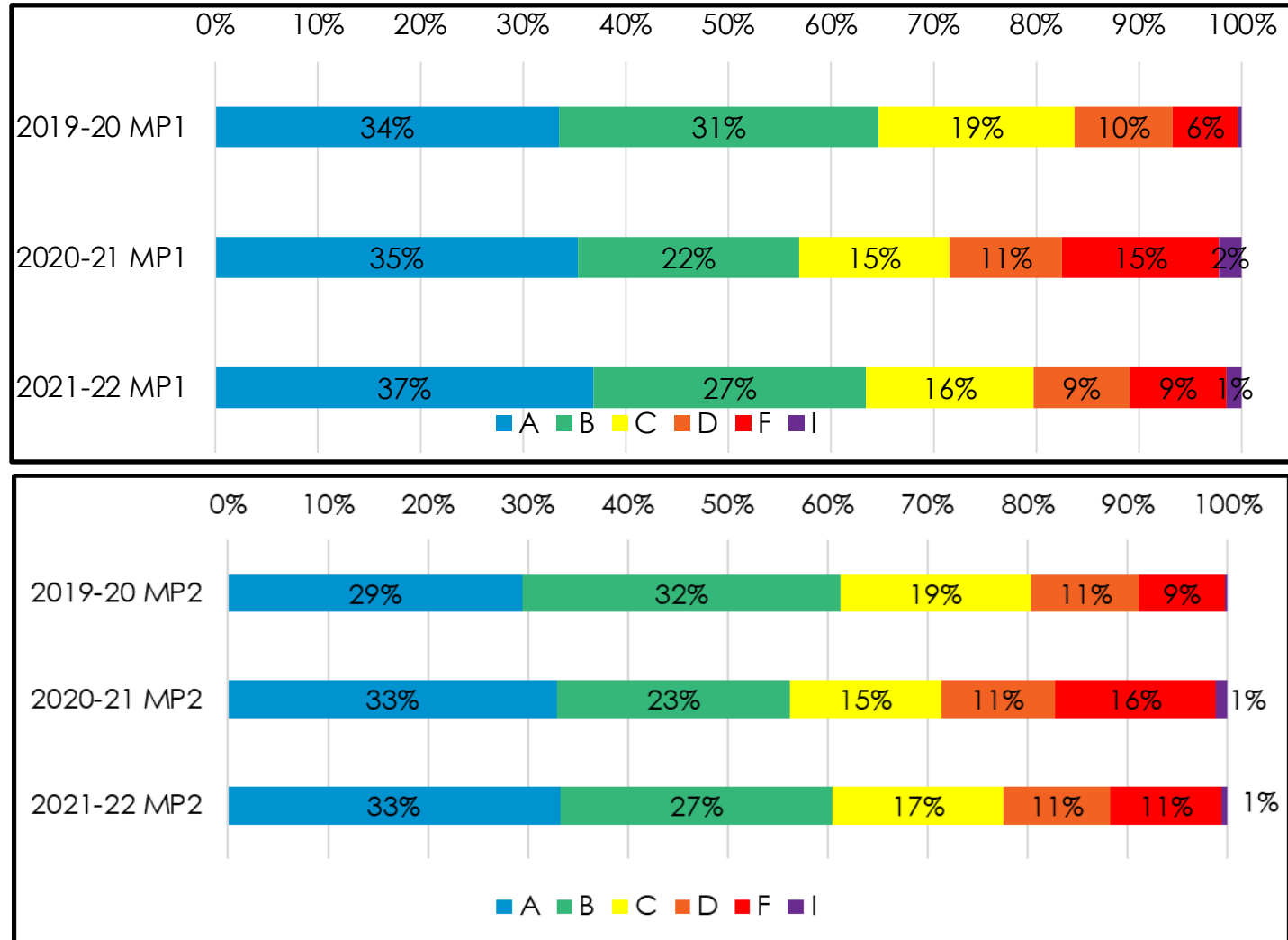
Growth from Fall to Winter for percent on or above grade-level (light green and dark green):

- Grade 9 improved by one percentage point.
- Grade 10 improved by one percentage point.



Marking Periods 1 & 2 ELA Grade Distribution (Grades 9-12)

High School ELA course grade distributions have come close to returning to pre-pandemic levels.



What are we doing on the Road to Recovery?

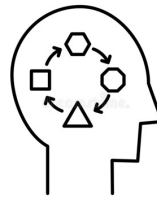
Teachers have been ensuring that grade-level content remains the focus of instruction while building skill sets that provide scaffolds for students to reach and move beyond those expectations. The following list highlights how academic recovery is occurring throughout all content areas at the elementary and secondary levels.



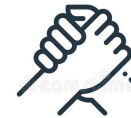
Prioritizing the most critical pre-requisite skills and knowledge for each subject area and grade level



Diagnosing students' unfinished learning in that pre-requisite content knowledge and those pre-requisite skills



Adapting the scope and sequence/pacing guides for each subject area and grade level to reflect where teachers might need to provide acceleration support



Providing support and professional learning to teachers and leaders to diagnose students' unfinished learning and provide accelerated learning opportunities



Monitoring students' progress and adjusting supports for teachers and students based on results



Calibrating the Road to Recovery with Collaborative School Visits



School Leadership Team defines Problem of Practice (POP) while analyzing trend data, current data and steps taken to address POP



School opens its door to District support team for a deep dive into school data and instructional practices



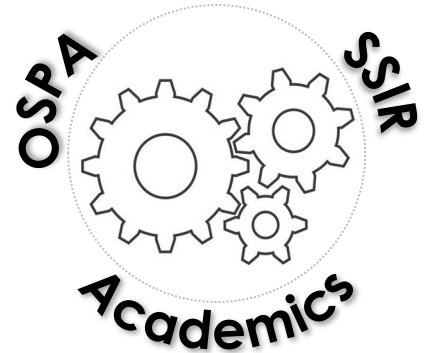
Focused Classroom Walkthroughs occur aligned to school's POP



Debrief session with School Leadership Team, identifying noticing and wonderings from the classroom walkthroughs, and determine District support needed



Debrief session with District Leadership Team to identify trends across all levels to determine teaching and learning supports as well as identify model schools for others to observe



Challenges and Barriers



Teacher Attendance



Substitutes



Student Attendance



Student Behavior



Limited Time for Professional Learning



Social Emotional Learning/Wellness for Students and Adults

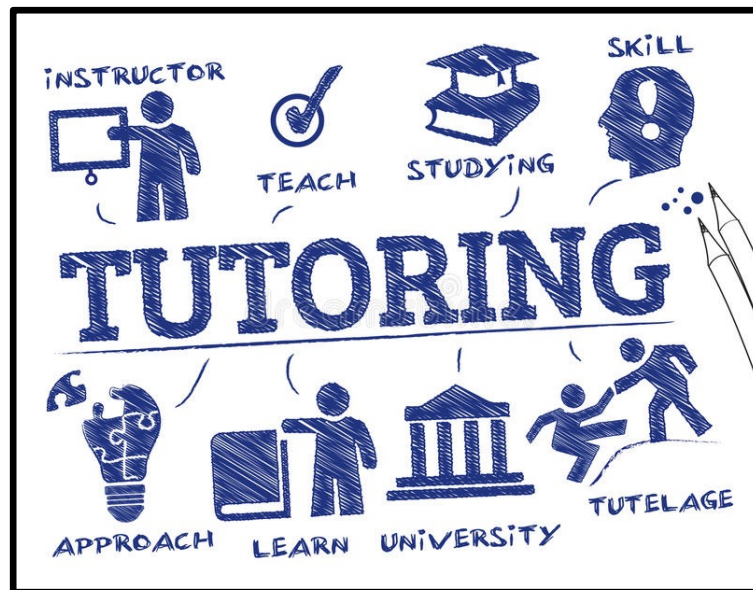


Disruption to Instructional Time Due to Operational Demands



School-Based Tutoring Programs

- The instructional plan on the road to recovery includes adding instructional time for the students that need it. School-based tutoring programs have provided this needed additional instructional time in front of a high-quality teacher and/or tutor.
- Teachers have been supported with frameworks that highlight priority standards requiring more focus and strategies to provide just-in-time instruction to close gaps and accelerate learning.



Summary of School-Based Tutoring Programs



Over 71% of tutoring programs are funded by ESSER

After-School (41%) & During-School (42%) tutoring account for over 80% of tutoring

Of 60% of initiatives with mid-point or final progress reported, over 90% were on target, met goal or exceeded goal

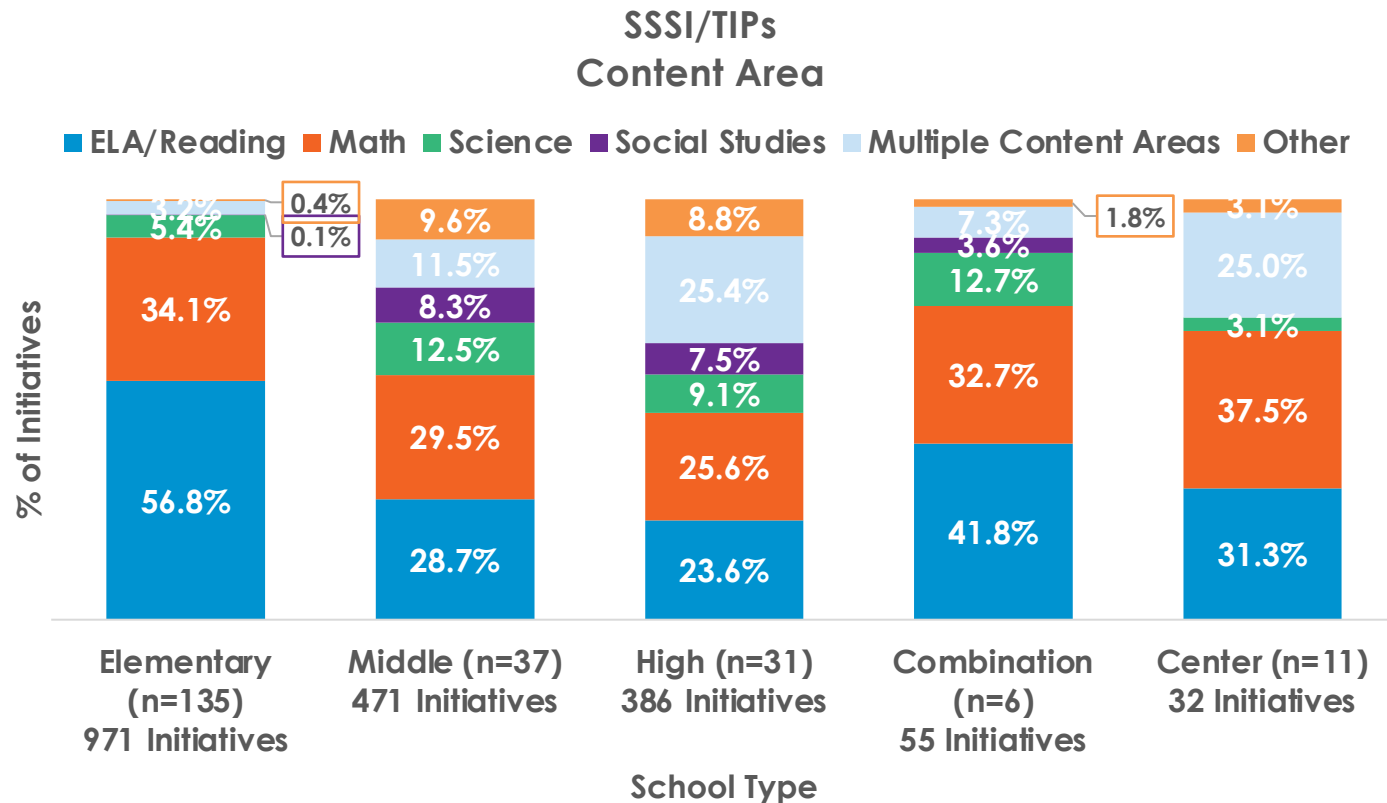
Tutoring focused on **Reading** accounts for over 42% of programs

Tutoring focused on **Math** accounts for over 31% of programs

As of 3/11/22



School-Based Tutoring Programs



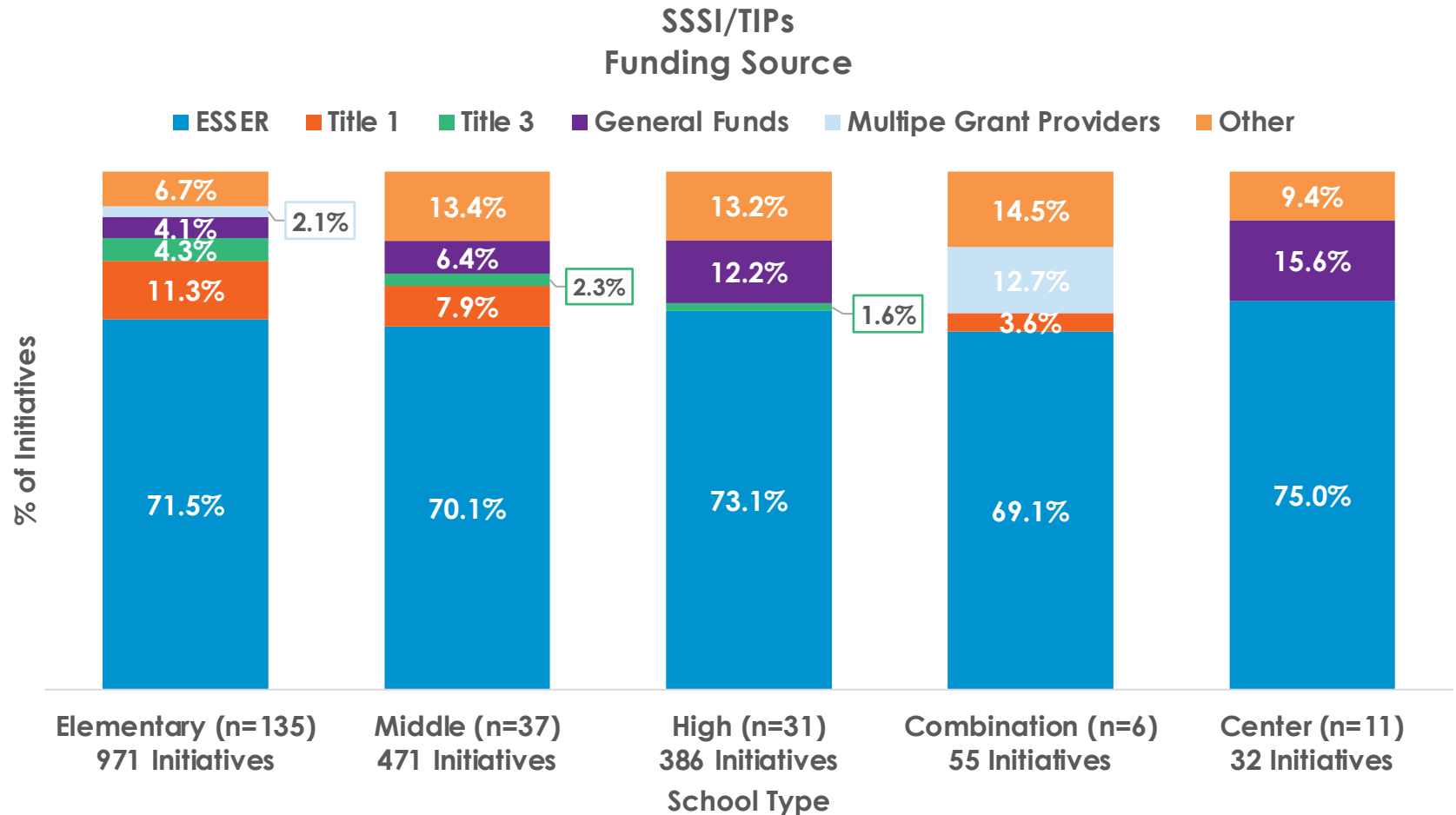
- Approximately 57% of Elementary programs are focused on ELA.
- Secondary level tutoring initiatives are more evenly distributed by subject.

SSSI – Supplemental Student Support Initiatives

TIPs – Tutoring Intervention Programs



School-Based Tutoring Programs - Funding



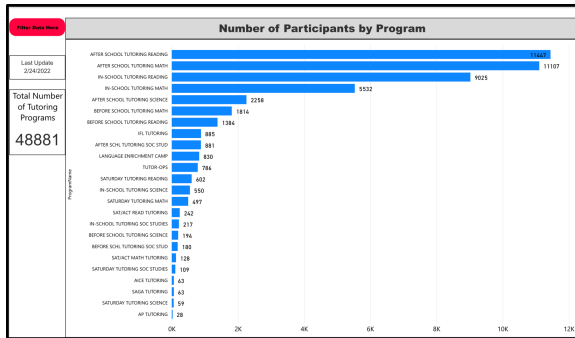
SSSI – Supplemental Student Support Initiatives

TIPs – Tutoring Intervention Programs



School-Based Tutoring Programs: Tracking and Monitoring

Tutoring Dashboard



TUTORING PROGRAM PARTICIPATION

Tutoring Program Name: All

SCHOOL LEVEL CHARACTERISTICS

School Name: All

Level: Charter School

Cadre Director: Board Member

Innovation Zone: All

Grade Level: All

Title I: All

STUDENT LEVEL CHARACTERISTICS

Race/Ethnicity: All

Gifted: ☐ L

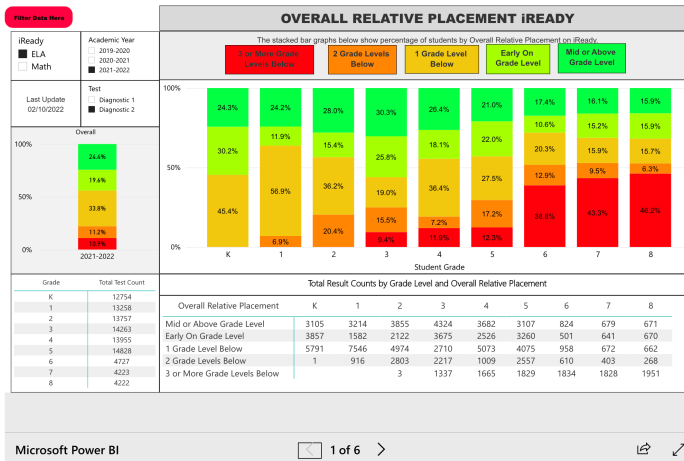
SWD Flag: ☐ 0 ☐ 1

FRL Flag: ☐ 0 ☐ 1

ELL Flag: ☐ 0 ☐ 1

Gender: ☐ F ☐ M

Enhanced iReady Dashboard



SCHOOL LEVEL CHARACTERISTICS

School: All

School Type: Charter Flag

Cadre: Board Member

Innovation Zone: All

Grade: All

Title I: All

STUDENT LEVEL CHARACTERISTICS

Race/Ethnicity: All

Gifted: ☐ L

SWD Flag: ☐ 0 ☐ 1

FRL Flag: ☐ 0 ☐ 1

ELL Flag: ☐ 0 ☐ 1

Gender: ☐ F ☐ M

Tutoring Fields

Cohort Comparisons



Innovations for Learning (IFL) Reading Foundation Stages (RFS)

Year to Date (2-15-22)

# Schools	31
# K Students	2,263
# Grade 1 Students	2,274
# Sessions	88,133
# Minutes	474,444

Students' level of reading foundation skills are assessed through ongoing individualized conferencing and tutoring sessions.

RFS guide tutoring sessions and are used to monitor students' progress as they gain focus skill and strategies.

Timeline	Reading Foundation Stage with aligned BAS/ORR Level	Focus Skills and Strategies
BOY Kindergarten	1	<ul style="list-style-type: none"> ✓ Letter Identification ✓ Concepts of Print
	2	<ul style="list-style-type: none"> ✓ Consonant Onset Sounds ✓ Concepts of Words
MOY Kindergarten	3	<ul style="list-style-type: none"> ✓ Short Vowel with CVt Words ✓ Blending and Chunking ✓ 30 Sight Words
EOY Kindergarten	4	<ul style="list-style-type: none"> ✓ CVC Words ✓ Skipping and Returning ✓ 30 Sight Words
BOY First Grade	5 (Level E)	<ul style="list-style-type: none"> ✓ CVCe Words/Onset Blends ✓ Flipping the Vowel Sound ✓ 30 Sight Words
	6 (Level F)	<ul style="list-style-type: none"> ✓ Vowel and Consonant Pairs* ✓ 30 Sight Words
MOY First Grade	7 (Level G)	<ul style="list-style-type: none"> ✓ Advanced Onsets and Rimes* ✓ 30 Sight Words
	8 (Level H)	<ul style="list-style-type: none"> ✓ Multisyllabic Words* ✓ 30 Sight Words
EOY First Grade	9 (Levels I-J)	<ul style="list-style-type: none"> ✓ Prefixes and Suffixes* ✓ 30 Sight Words

BOY=Beginning of the Year, MOY= Middle of the Year, EOY=End of the Year, CVt=Consonant Vowel Letter T, CVC=Consonant Vowel Consonant, CVCe=Consonant Vowel Consonant Letter e.

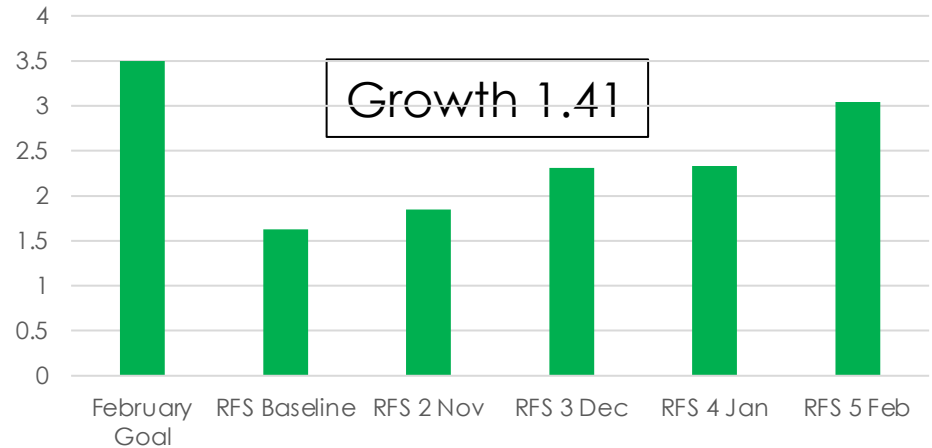
*Levels 6-10 include Comprehension Strategies of Listening and Self-Correcting, Visualizing, Predicting and Asking Questions, and Making Inferences



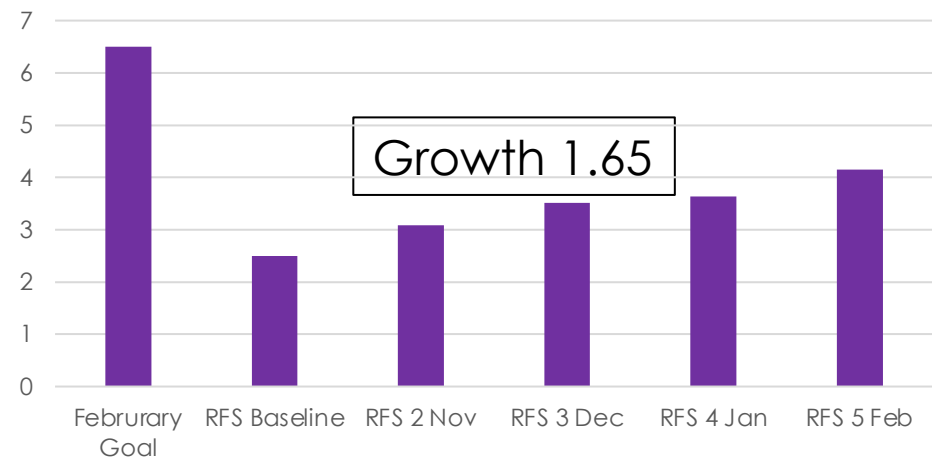
Grade Level	K	1
Reading Foundation Stage		
YTD Goal	3.5	6.5
Baseline RFS AVG	1.63	2.5
Nov. 15 - RFS AVG	1.85	3.09
Dec. 15 - RFS AVG	2.31	3.51
Jan. 15 - RFS AVG	2.33	3.64
Feb. 15 - RFS AVG	3.04	4.15
YTD AVG Growth	1.41	1.65
Oral Reading Fluency (ORF)		
Baseline	N/A	3.95 (D)
Middle of the Year	2.89 (C)	5.44 (E/F)

YTD=Year to Date, AVG=Average, RFS=Reading Foundation Stages

Kindergarten Reading Foundation Stages



First Grade Reading Foundation Stages



Public Consulting Group (PCG) – University Instructors

Year to Date (3-7-22)		Schools	Average Minutes per Session	Total Session Minutes
# Schools	12	Endeavour Primary Learning Center	29	41,030
# Students	964	Fairway Elementary	31	40,770
Average Minutes per student	606	Hollywood Central Elementary	23	23,250
# Sessions	17,315	Lloyd Estates Elementary	24	43,890
# Minutes	584,126	North Fork Elementary	31	20,370
		Robert C. Markham Elementary	21	38,730
		Walker Elementary	22	22,170
		West Hollywood Elementary	25	62,730
		New Renaissance Middle	36	69,750
		Silver Lakes Middle	44	81,780
		Northeast High	51	31,170
		South Plantation High	50	108,486

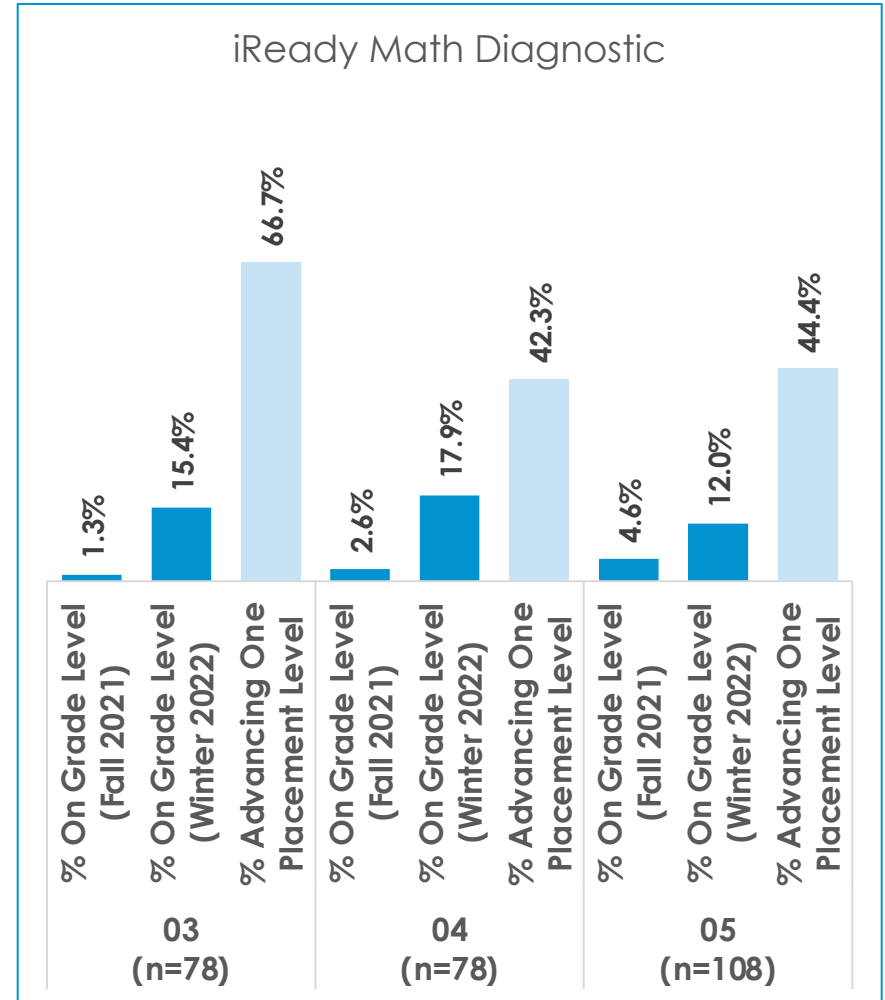
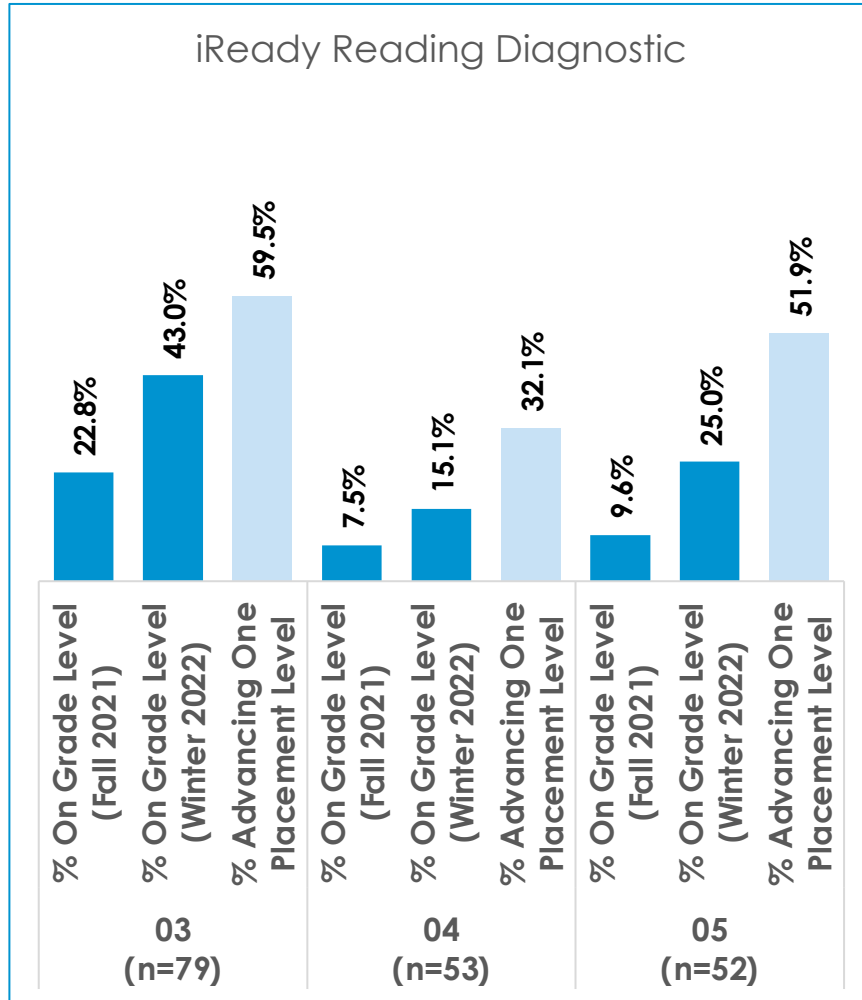


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Public Consulting Group (PCG) – University Instructors

How are these students doing?-Preliminary Results



SAGA Tutoring

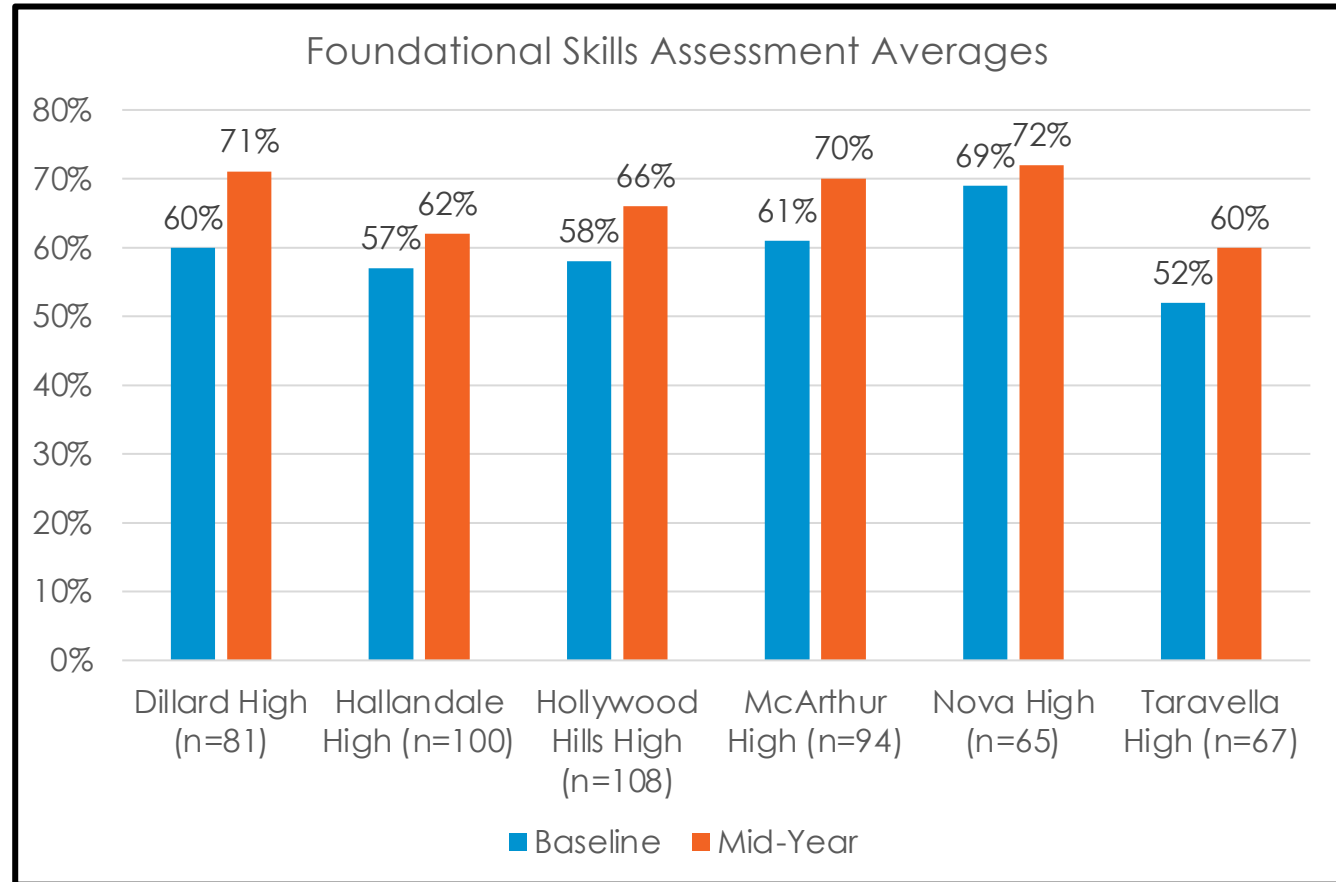
Year to Date (3-2-22)

Schools

6

Students

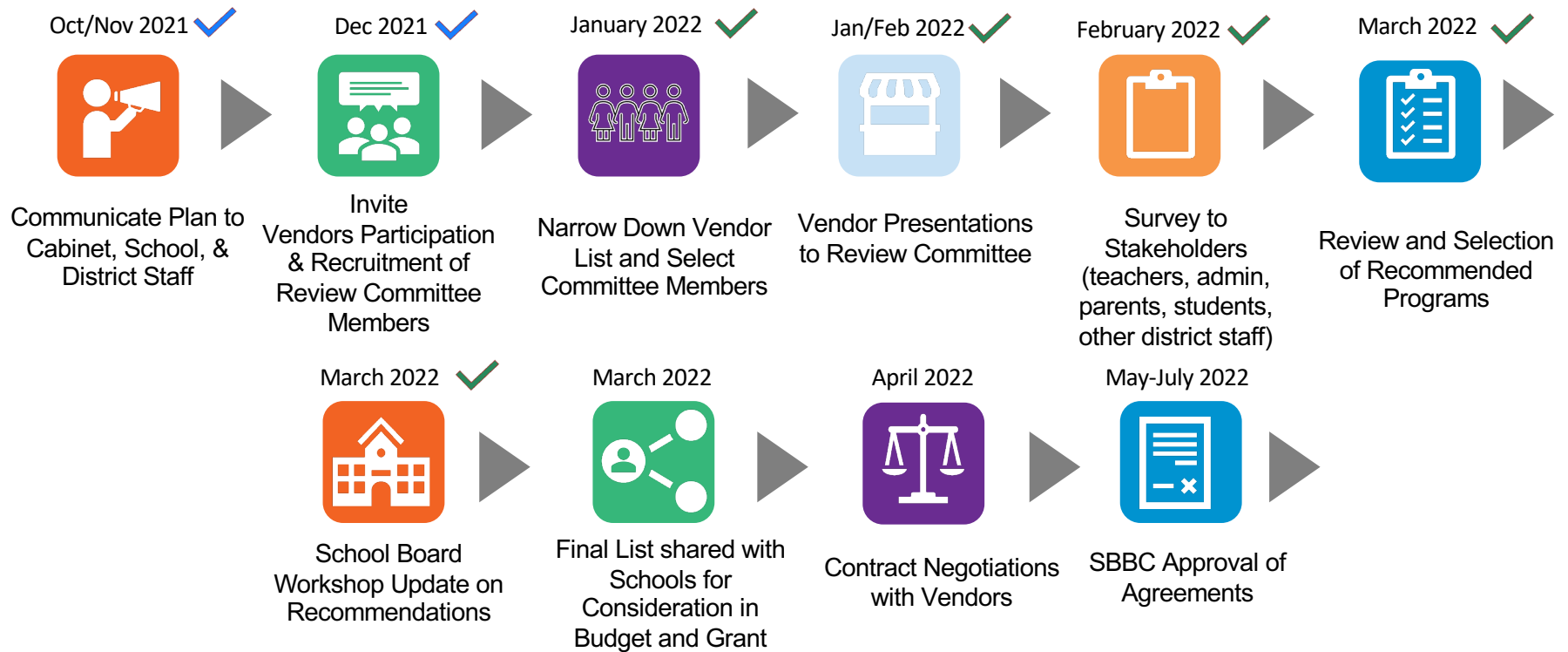
812



n=students who completed both rounds at Level 1



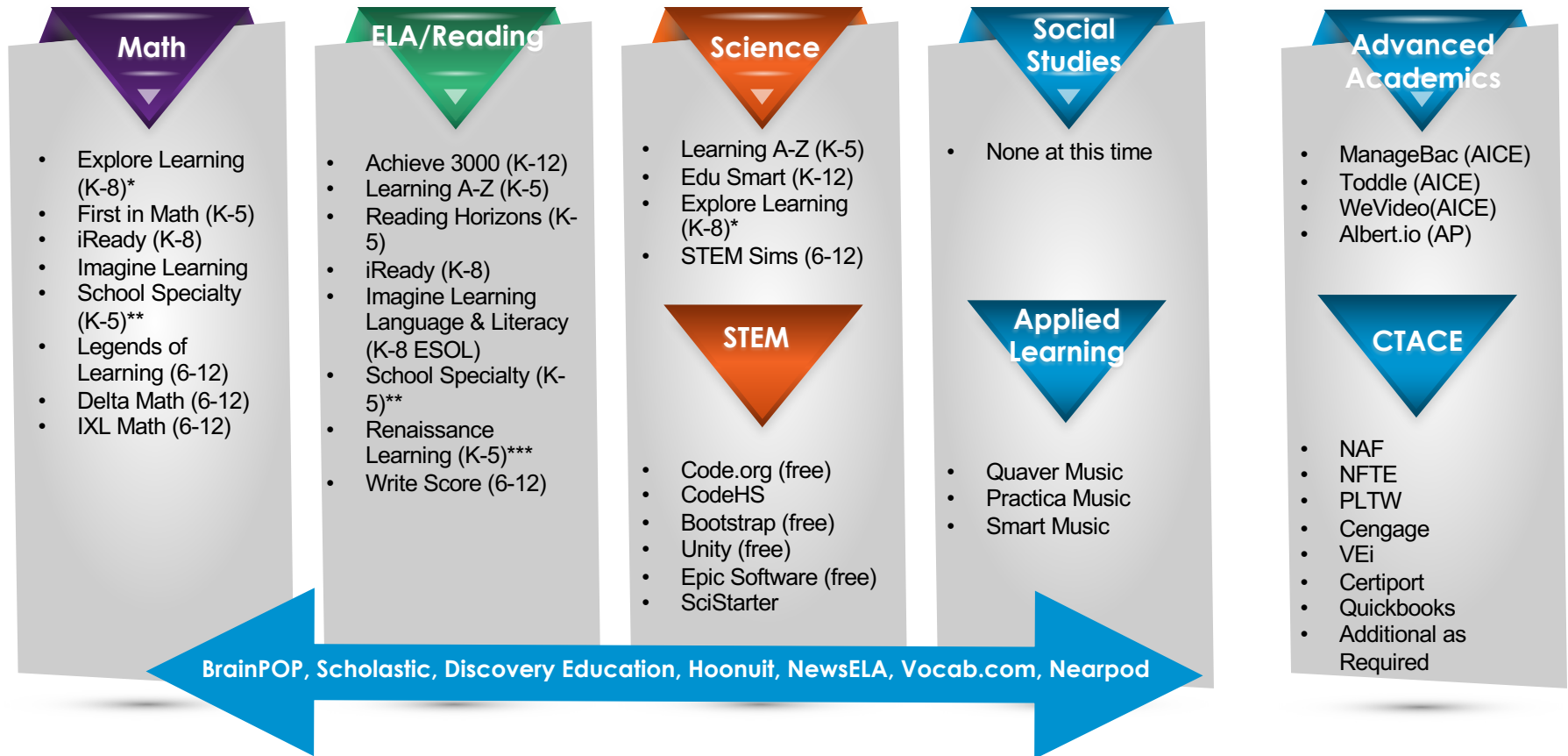
Streamlining Instructional Software Timeline



**A waiver process will be in place for schools that can show the need for a purchase not on the approved list. All waivers will have to be approved through the Digital Information Request Form (DIRF) process.*



Managed Menu as of March 15, 2022



*Reflex, Gizmos

**Wordly Wise3000, iSPIRE

***AR, MyON, STAR Literacy/Reading//Math



Next Steps

- Maintain Laser Focus on Grade Level Standards and Content with Appropriate Scaffolding.
- Continue Onsite Support to Schools.
- Identify Solutions to Challenges and Barriers.
- Identify Students who Need Additional Support to Attend Summer Experience.
- Continue to Align Disparate Data Systems.
- Finalize RFP for Tutoring Programs; Have Programs in Place for Beginning of 2022-2023 School Year.
- Finalize Software Managed Menu and Begin Contract Negotiations.
- Academics Update June 2022.



Board Discussion



APPENDICES



List of Acronyms

- **AAP:** Adequate Academic Progress
- **AP:** Advanced Placement
- **ACCESS for ELLs:** Summative English language proficiency test
- **ARP:** American Recovery Plan
- **BAS:** Benchmark Assessment System
- **BCPS:** Broward County Public Schools
- **BSA:** Broward Standards Assessment
- **CASEL:** Collaborative for Academic, Social, & Emotional Learning
- **CCLR:** College Career Life-Readiness
- **CDC:** Centers for Disease Control
- **CGCS:** Council of the Great City Schools
- **CTE:** Career Technical Education
- **DROP:** Deferred Retirement Option Program
- **DWA:** Data Warehouse
- **EC:** Effective Communication
- **ELA:** English Language Arts
- **ELL:** English Language Learner
- **ELO:** Extended Learning Opportunity
- **EOC:** End of Course
- **ES:** Elementary School
- **ESE:** Exceptional Student Education
- **ESLS:** Exceptional Student Learning & Support
- **E/S/M/WBE:** Emerging /Small /Medium/Women Business Enterprise
- **ESSER:** Elementary and Secondary Emergency Relief
- **FRL:** Free or Reduced Lunch
- **FAFSA:** Free Application for Federal Student Aid
- **FERPA:** Family Educational Rights & Privacy Act
- **FSA:** Florida Standards Assessment
- **FSAA:** Florida Standards Alternate Assessment
- **FTE:** Full Time Equivalent
- **FY:** Fiscal Year
- **GFOA:** Government Finance Officers Association
- **HQI:** High Quality Instruction
- **HS:** High School
- **HVAC:** Heating Ventilation Air Conditioning
- **HST:** Health Service Technician
- **ITB:** Invitation to Bid
- **KPIs:** Key Performance Indicators
- **LAB:** Learning Across Broward
- **M&O:** Maintenance & Operations
- **MGT:** Management
- **MS:** Middle School
- **MSD:** Marjory Stoneman Douglas
- **MTSS:** Multi-tiered System of Supports
- **OCM:** Organizational Change Management
- **PL:** Professional Learning
- **PLC:** Professional Learning Community
- **PPE:** Personal Protective Equipment
- **PMP:** Progress Monitoring Plan
- **PRT:** Primary Reading Test
- **PSAT:** Preliminary Scholastic Aptitude Test
- **Q:** Quarter
- **RFP:** Request for Proposal
- **RtI:** Response to Intervention
- **SAT:** Scholastic Aptitude Test
- **SEL:** Social and Emotional Learning
- **SERV:** School Emergency Response to Violence
- **SIM:** Strategic Initiative Management
- **SIP:** School Improvement Plan
- **SWD:** Students with Disabilities
- **SIS:** Student Information System
- **SMART:** Security, Music, Arts, Renovation, Technology
- **SSE:** Safe & Supportive Environment
- **STEM:** Science Engineering Technology Math
- **SY:** School Year
- **TCO:** Total Cost of Ownership
- **TERMS:** refers to data warehouse
- **TIF:** Teacher Incentive Fund
- **TR:** Technology Refresh
- **W/D:** Withdrawal Code



School-Based Tutoring Programs

Elementary School Content Area	# of Schools	# (%) of Initiatives	Average # of Initiatives
ELA/Reading	134	552 (57.0%)	4.1
Mathematics	129	328 (33.8%)	2.5
Science	44	52 (5.4%)	1.2
Social Studies	1	1 (0.1%)	1.0
Multiple Content	21	32 (3.3%)	1.5
Other	3	4 (0.4%)	1.3
All	135	969 (100%)	7.2

High School Content Area	# of Schools	# (%) of Initiatives	Average # of Initiatives
ELA/Reading	26	91 (23.6%)	3.5
Mathematics	30	99 (25.6%)	3.3
Science	21	35 (9.1%)	1.7
Social Studies	16	29 (7.5%)	1.8
Multiple Content	23	98 (25.4%)	4.3
Other	18	34 (8.8%)	1.9
All	31	386 (100%)	12.5

Middle School Content Area	# of Schools	# (%) of Initiatives	Average # of Initiatives
ELA/Reading	37	135 (28.7%)	3.6
Mathematics	37	139 (29.5%)	3.8
Science	30	59 (12.5%)	2.0
Social Studies	24	39 (8.3%)	1.6
Multiple Content	21	54 (11.5%)	2.6
Other	18	45 (9.6%)	2.5
All	37	471 (100%)	12.7

Center School Content Area	# of Schools	# (%) of Initiatives	Average # of Initiatives
ELA/Reading	7	10 (31.3%)	1.4
Mathematics	8	12 (37.5%)	1.5
Science	1	1 (3.1%)	1.0
Social Studies	0	-	-
Multiple Content	5	8 (25.0%)	1.6
Other	1	1 (3.1%)	1.0
All	11	32 (100%)	2.9



School-Based Tutoring Programs

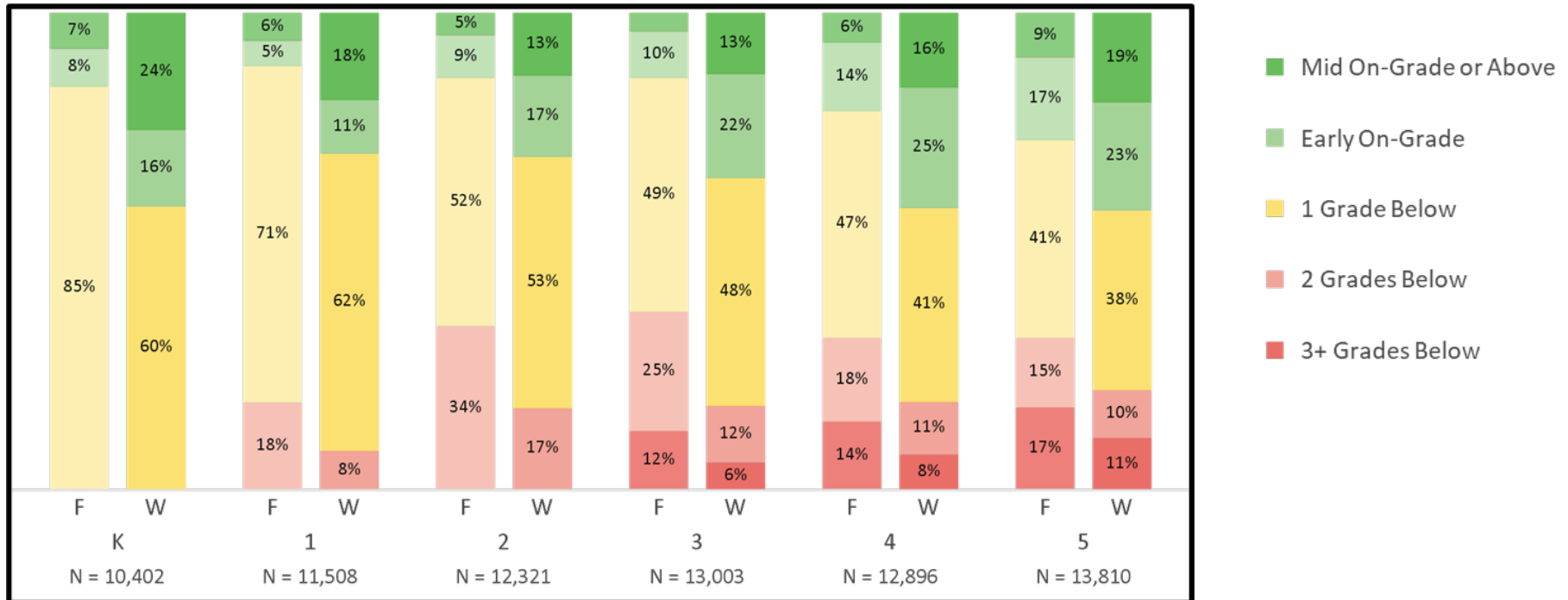
Combination School Content Area	# of Schools	# (%) of Initiatives	Average # of Initiatives
ELA/Reading	5	23 (41.8%)	4.6
Mathematics	6	18 (32.7%)	3.0
Science	5	7 (12.7%)	1.4
Social Studies	2	2 (3.6%)	1
Multiple Content	2	4 (7.3%)	2
Other	1	1 (1.8%)	1
All	6	55 (100%)	9.2



How Have Relative Placements Changed From Fall to Winter?

Mathematics – Students Participating in Both Diagnostics

Fall 21-22 to Winter 21-22 Placement Distribution



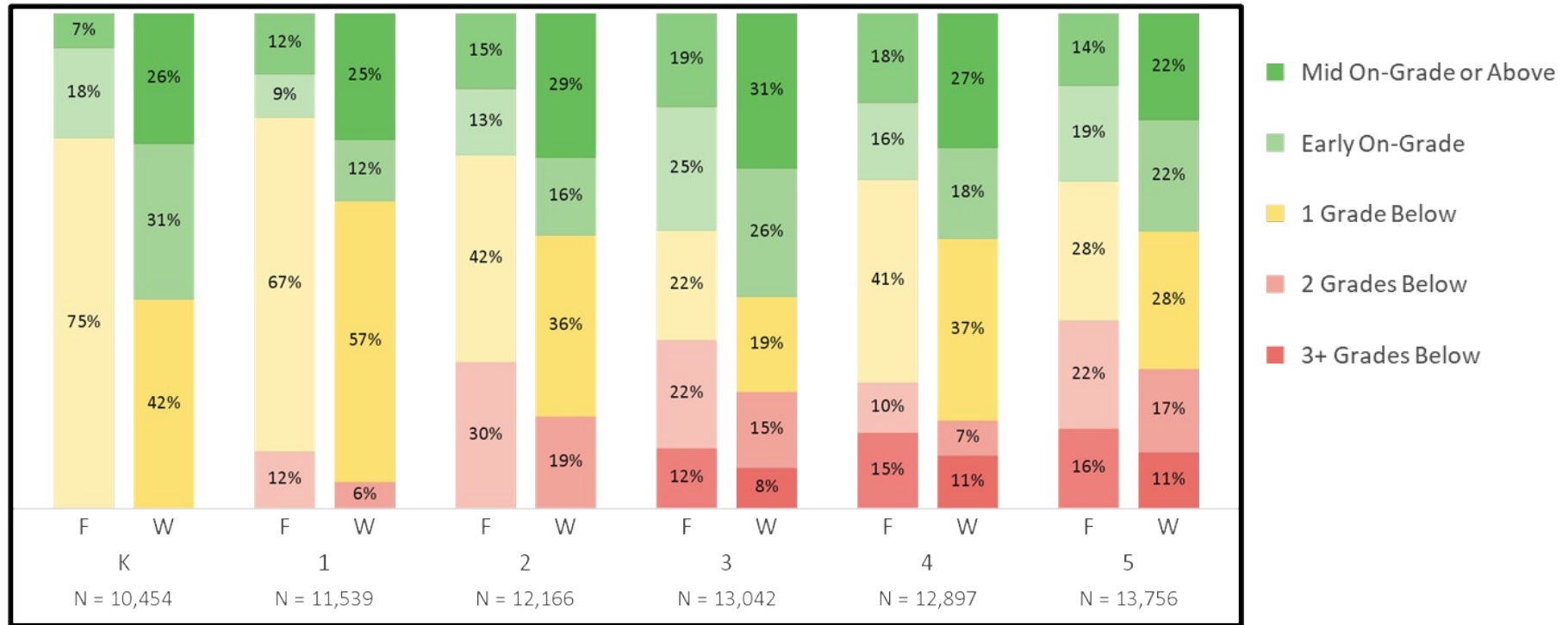
i-Ready's placements are an indication of what students are expected to know at each grade level. The mid on-grade placement refers to students who may be considered proficient for their grade.



How Have Relative Placements Changed From Fall to Winter?

Reading– Students Participating in Both Diagnostics

Fall 21-22 to Winter 21-22 Placement Distribution



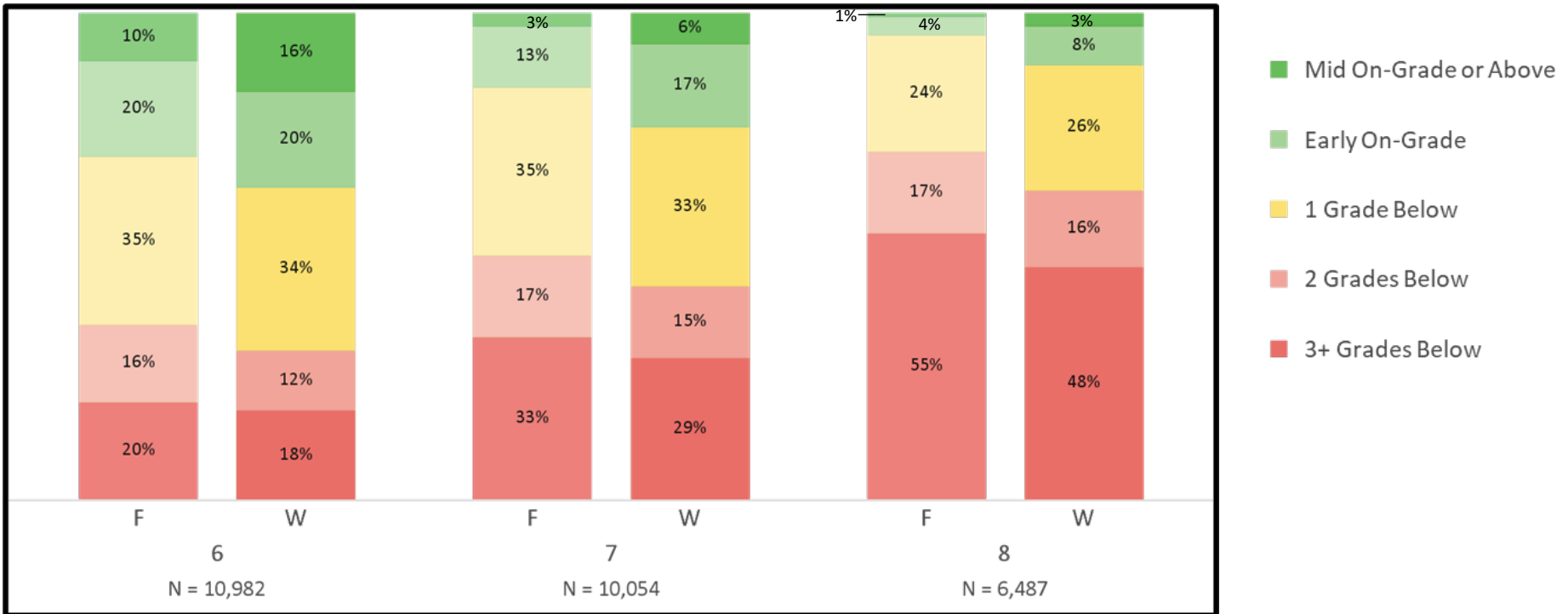
i-Ready's placements are an indication of what students are expected to know at each grade level. The mid on-grade placement refers to students who may be considered proficient for their grade.



How Have Relative Placements Changed From Fall to Winter?

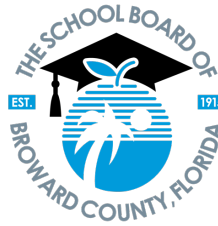
Mathematics – Students Participating in Both Diagnostics

Fall 21-22 to Winter 21-22 Placement Distribution



i-Ready's placements are an indication of what students are expected to know at each grade level. The mid on-grade placement refers to students who may be considered proficient for their grade.





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