

**MOMENTUM ACADEMY
SCHOOL PERFORMANCE COMMITTEE REPORT**

October 2023

The School Performance Committee met on October 9, 2023. The following topics were discussed:

- Ms. Prouhet provided an analysis of the spring 2023 MAP results.
 - Regionwide between spring 2022 and spring 2023, the proficiency rate—that is, the percentage of scholars scoring proficient or advanced—stayed about the same in English language arts (at 16%) and dropped slightly in math (from 13% to 12%). In both subjects at all schools, more scholars also scored below basic in spring 2023 than in spring 2022.
 - In math, the focus of last year’s improvement efforts, there were generally gains in MAP scores in the elementary grades (grades 3-5) and drops in the upper academy (grades 6-8). Some possible reasons are that the intellectual planning and preparation meetings (IPP meetings) occurred in the elementary grades, and staffing shortages were more severe in the upper academy. In particular, all of 7th and 8th grade math instruction was virtual.
 - Key action steps this year include (1) holding IPP meetings in both subjects (once a month for math; once a week for English language arts [ELA]); (2) asking coaches to do follow-up observations in classrooms after each IPP meeting; and (3) implementing data-driven instruction in math, in which all math classes are administered monthly quizzes and all math teachers are asked to use this data to shape instruction.
 - The SPC suggested finding ways to hold IPP meetings in math more frequently, particularly for upper academy teachers since it is their first year going through this process. The leadership team is in the process of developing teacher leaders who could potentially lead IPP meetings later this year.
- School principals presented strengths, areas for growth, and action plans for their schools.
- Dr. Ming presented data showing that Momentum Academy has more instructional hours than other charter schools whose academic performance is currently stronger. This data suggests that instructional hours could be slightly reduced at Momentum Academy to support more creative school scheduling without sacrifice to academic performance.

Spring 2023 MAP Results

SPC Meeting
October 9th, 2023



Missouri MAP Goals

1. 10 percentage point increase in proficient + advanced in ELA (Spring 2023 to Spring 2024)
2. 10 percentage point increase in proficient + advanced in Math (Spring 2023 to Spring 2024)

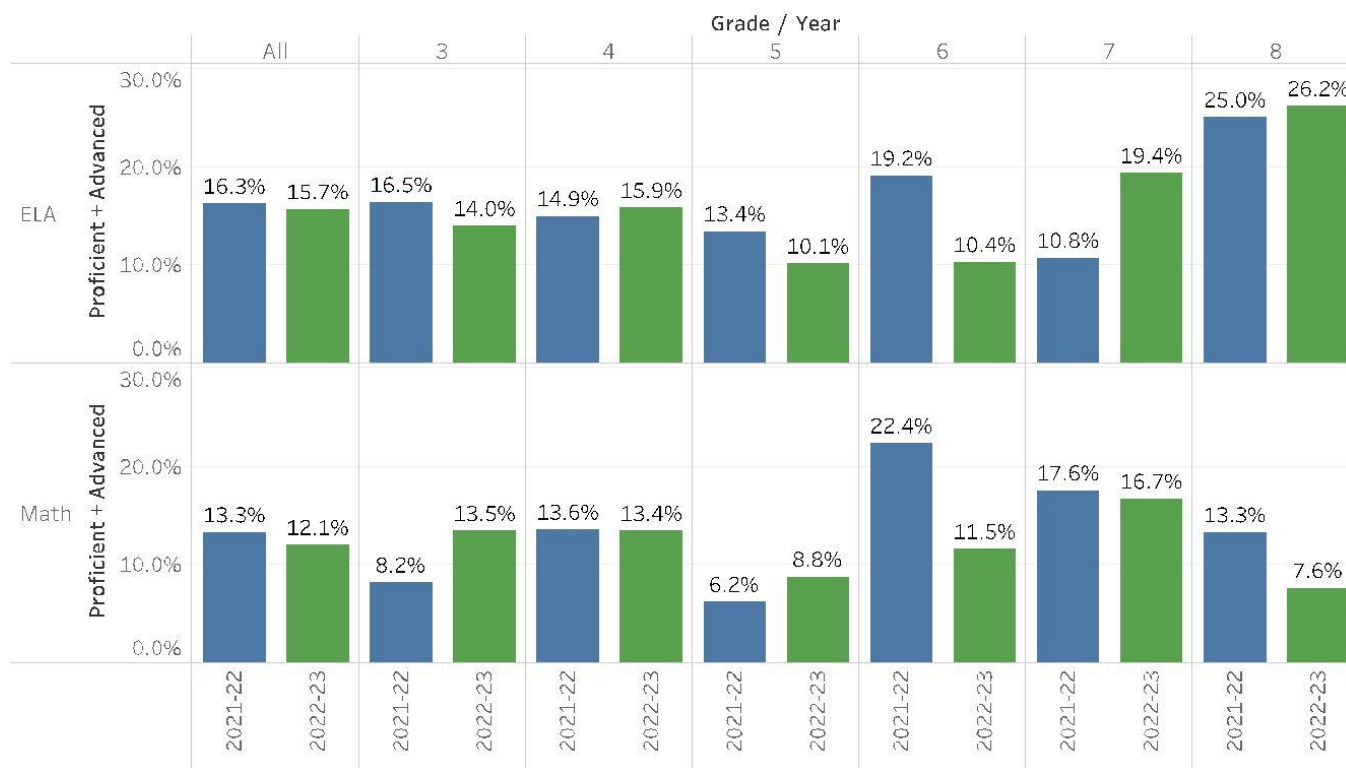
Agenda

- Regional Analysis
 - Overall
 - Year over Year (YOY)
 - Cohort Comparison
- Regional Action Steps
- Building Level Analysis
- NWEA Snapshot

2022-23 Compared to 2021-22: Overall Prof. & Adv.

From 2021-22 to 2022-23, overall region proficiency mostly stabilized.

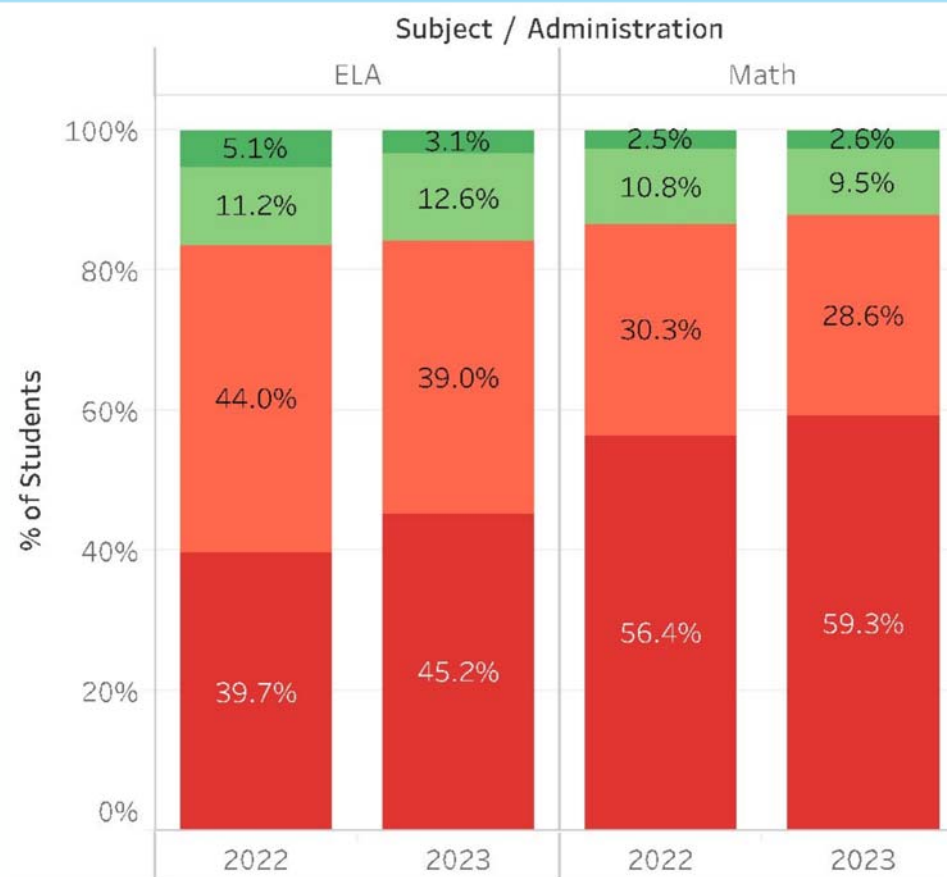
At the grade level, there was a mix of increases and decreases.



2022-23 Compared to 2021-22: Performance Levels

Advanced
Proficient
Basic
Below Basic

When viewing by performance levels across all grades, we see that the drop in proficiency also corresponds with an increase in the below-basic category in both subjects.

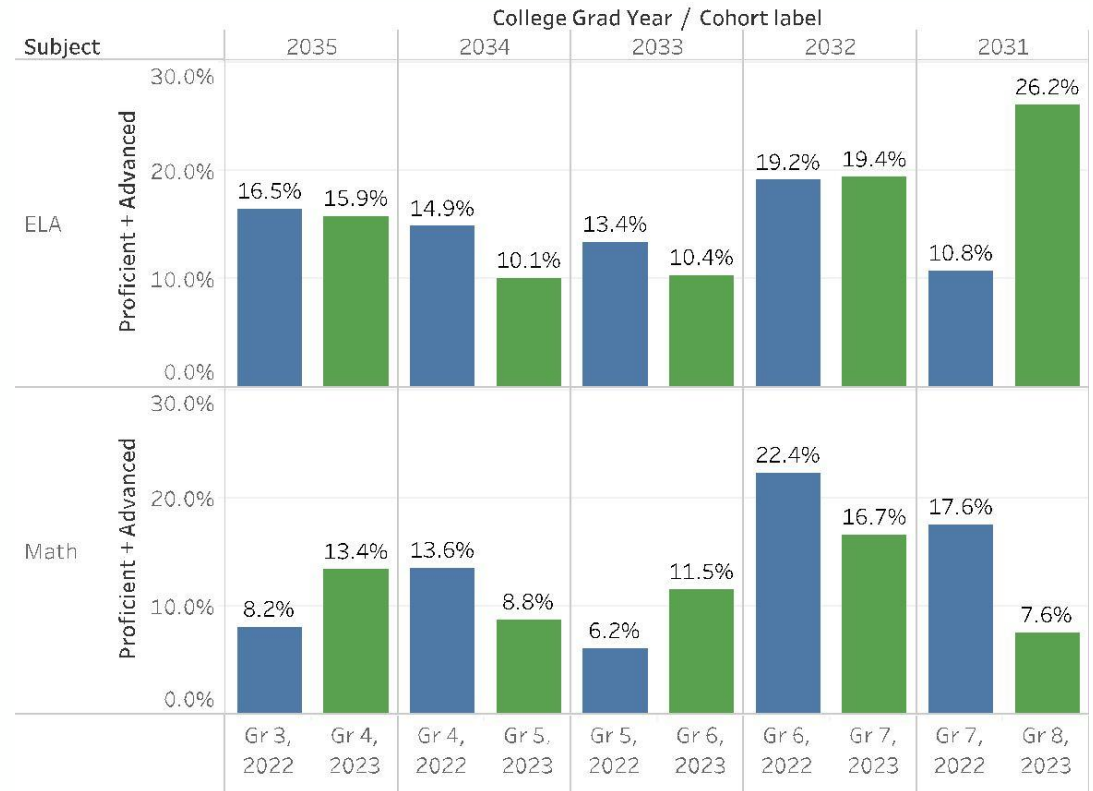


Prof. & Adv. YOY: Math

School	Grade	Subject	P+A% 18-19	P+A% 20-21	P+A% 21-22	P+A% 22-23	Increase/Decrease
Region	3	Mathematics	26%	7%	8.16%	13.5%	5.34%
Region	4	Mathematics	23%	5%	13%	13%	0%
Region	5	Mathematics	30%	5%	6.19%	8.8%	2.61%
Region	6	Mathematics	22%	10%	22.35%	11.5%	10.85%
Region	7	Mathematics	25%	9%	17.56%	16.7%	0.86%
Region	8	Mathematics	15%	18%	13.34%	7.6%	5.74%
Region	All	Mathematics	26%	7%	13.32%	12%	1.32%
TGS	All	Mathematics	30%	10%	21.15%	19.4%	1.75%
TGE	All	Mathematics	38%	14%	17.76%	9.9%	7.86%
FP	All	Mathematics	13%	1%	5.67%	8.5%	2.83%
GP	All	Mathematics	13%	3%	7.46%	6.2%	1.26%

2022-23 Compared to 2021-22: Graduating Cohorts

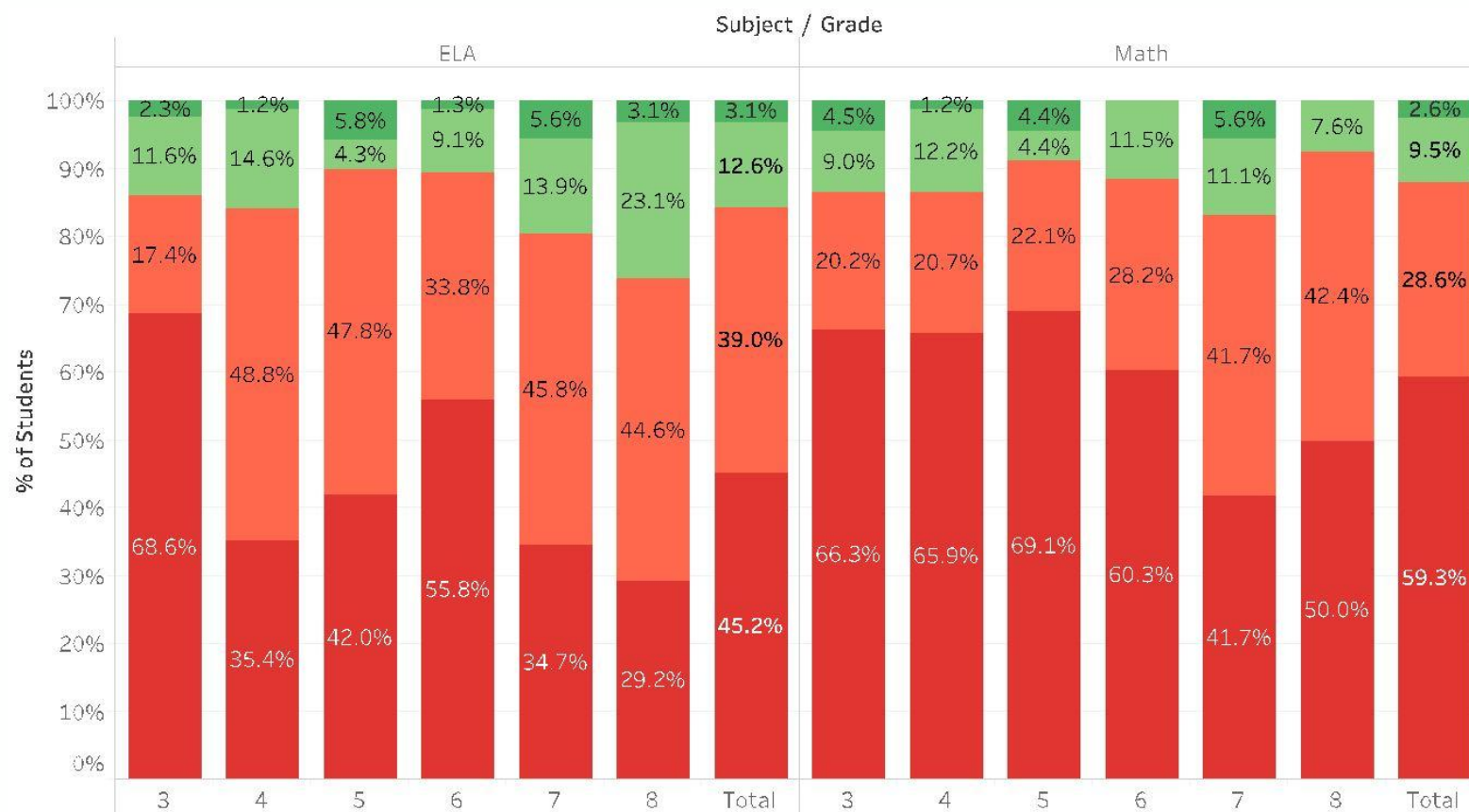
When grouping by graduating cohort across the two years, most cohorts gained proficiency in one subject while decreasing proficiency in another.



2022-23 Result detail: performance levels



Examining just 2022-23 by grade, we see that while proficiency was similar between the subjects, the lower grades in math had around 2/3 of students scoring at the 'below basic' level.



Below Basic YOY: Math

School	Grade	Subject	BB% 21-22	BB% 22-23	Increase/Decrease
Region	3	Mathematics	70.4%	66.39%	4.01%
Region	4	Mathematics	68.2%	65.9%	2.3%
Region	5	Mathematics	71.1%	69.1%	2%
Region	6	Mathematics	36.2%	60.3%	24.1%
Region	7	Mathematics	37.8%	41.7%	3.9%
Region	8	Mathematics	46.7%	50.0%	3.3%
Region	All	Mathematics	56.45%	58.8%	2.43
TGS	All	Mathematics	37.8%	43.2%	5.4%
TGE	All	Mathematics	57.0%	58.4%	1.4%
FP	All	Mathematics	67.4%	73.7%	6.3%
GP	All	Mathematics	68.2%	70.4%	2.2%

Balance Scorecard: % Prof. & Adv.

Subject	Spring 21	Spring 22	Spring 23	Spring 26 Goal
ELA	16%	16%	15%	40%
Math	7%	13%	12%	36%

<i>Subject</i>	<i>Spring 24 Goal</i>	<i>Spring 25 Goal</i>	<i>Spring 26 Goal</i>
<i>ELA</i>	<i>24%</i>	<i>33%</i>	<i>40%</i>
<i>Math</i>	<i>20%</i>	<i>28%</i>	<i>36%</i>

Regional Next Steps

1. IPP meetings in ELA and Math
 - a. PPals and/or Coaches attend meetings and conduct follow up visit
2. Data Driven Instruction Pilot: Math
3. Building Admin. Stepbacks
 - a. Beginning, Middle & End of Year

Questions?



Building Level Analysis

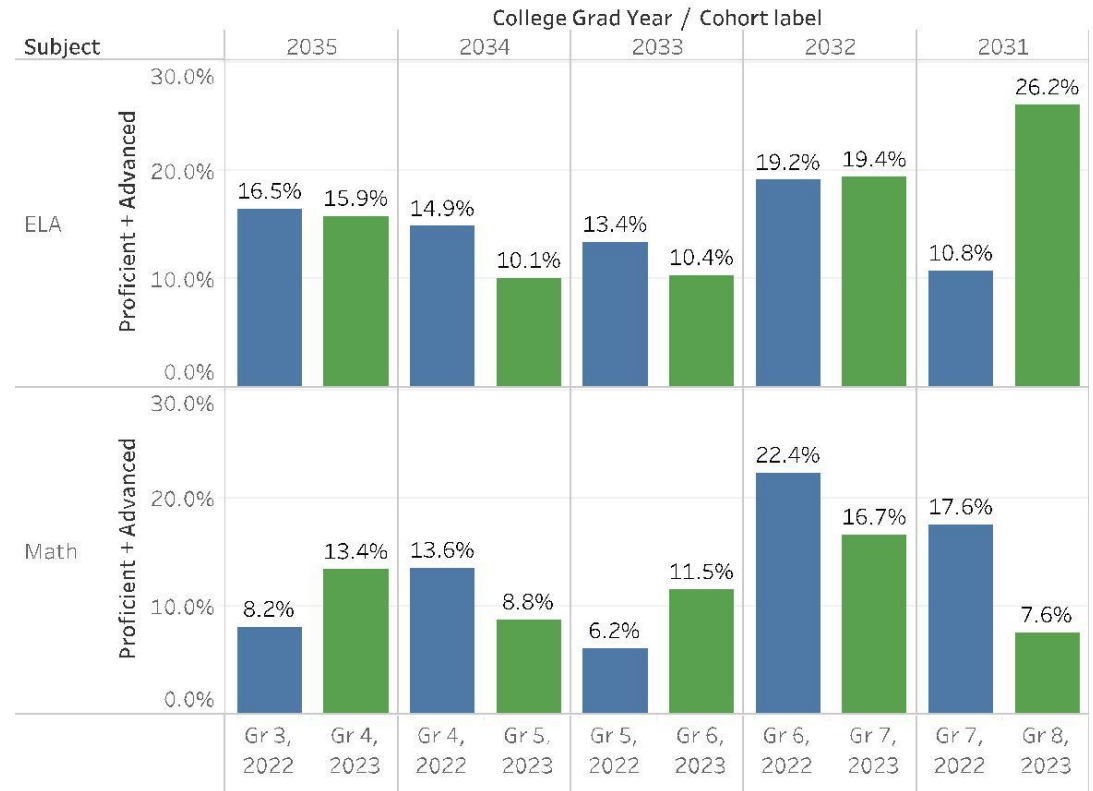
High level analysis

- 1-2 Highlights
- 1-2 Opportunities



2022-23 Compared to 2021-22: Graduating Cohorts

When grouping by graduating cohort across the two years, most cohorts gained proficiency in one subject while decreasing proficiency in another.



Tower Grove South Highlights

Spring '22 to Spring '23

1. G4 scholars grew from 13.3% to 23.3%
prof/adv in Math
2. G8 scholars grew from 10.7% to 26.7%
prof/adv in ELA
3. G4 29.2% scholars moved from below
basic in ELA

Grade Cohort Comparison

**Spring '22 to Spring '23
% Increase in Prof./Adv.**

Grade Cohort	Math	ELA
Gr.4 '23 (Gr.3 '22)	+10%	+6.3%
Gr.8 '23 (Gr.7 '22)	—	+16%

Tower Grove South Opportunities

- Percentage of scholars scoring below basic in grades 3-6 is about 50% (compared to grades 7-8 which is about 30%)
- IP Process and data driven instructional focus
- Coaching meetings with fidelity

Gravois Park Highlights

3rd and 5th Grade Math moved 20% of students out of the below basic category

3rd and 7th Grade Math increased P&A scholars by 9%

Gravois Park Opportunities

- Even though Gravois Park met NWEA growth goals in semester two, semester one's teacher vacancies leading to instability in classrooms, widespread virtual instruction, and external subs caused gaps from which we were not able to recover.
 - Only 1 GP classroom 3rd-8th had a traditional in-person, certified teacher consistent throughout the school year. That grade showed success in moving scholars into new bands in both math and ELA.

Tower Grove East Highlights

Spring '22 to Spring '23

1. G8 scholars grew from 33.3% proficiency to 62.5% proficiency in ELA
2. G7 scholars grew from 21.7% proficiency to 38.1% proficiency in ELA
3. G6 & G4 scholars grew more than +10 percentage points in proficiency in Math

Grade Cohort Comparison

**Spring '22 to Spring '23
% Increase in Prof./Adv.**

Grade Cohort	Math	ELA
Gr.8 '23 (Gr.7 '22)	_____	+29.2%
Gr.6 '23 (Gr.5 '22)	_____	+16.4%

Tower Grove East Opportunities

- Push academic systems for accuracy and mastery in a grade level bands, now that retention is stronger this school year.
- Stay consistent with coaching meetings and RTF to see similar increases in both Math and ELA.

Fox Park Highlights

Spring '22 to Spring '23

1. G3-8 scholars had a 2.8% increase in prof./adv. in math!
2. G3 had a 15% increase in pro./adv. in math compared to G3 last year!!

Grade Cohort Comparison Spring '22 to Spring '23 % Increase in Prof./Adv.

Grade Cohort	Math	ELA
Gr.4 '23 (Gr.3 '22)	+4.8%	+5.8%
Gr.6 '23 (Gr.5 '22)	+7.5%	

Fox Park Opportunities

1. Capitalize on increase proficiency and Adv. in Math
2. 75% of scholars in G3-8 are below basic in mathematics.

NWEA Fall Snapshot



Projected MAP Proficiency (from NWEA)

MAP Projected Proficiency inc K1

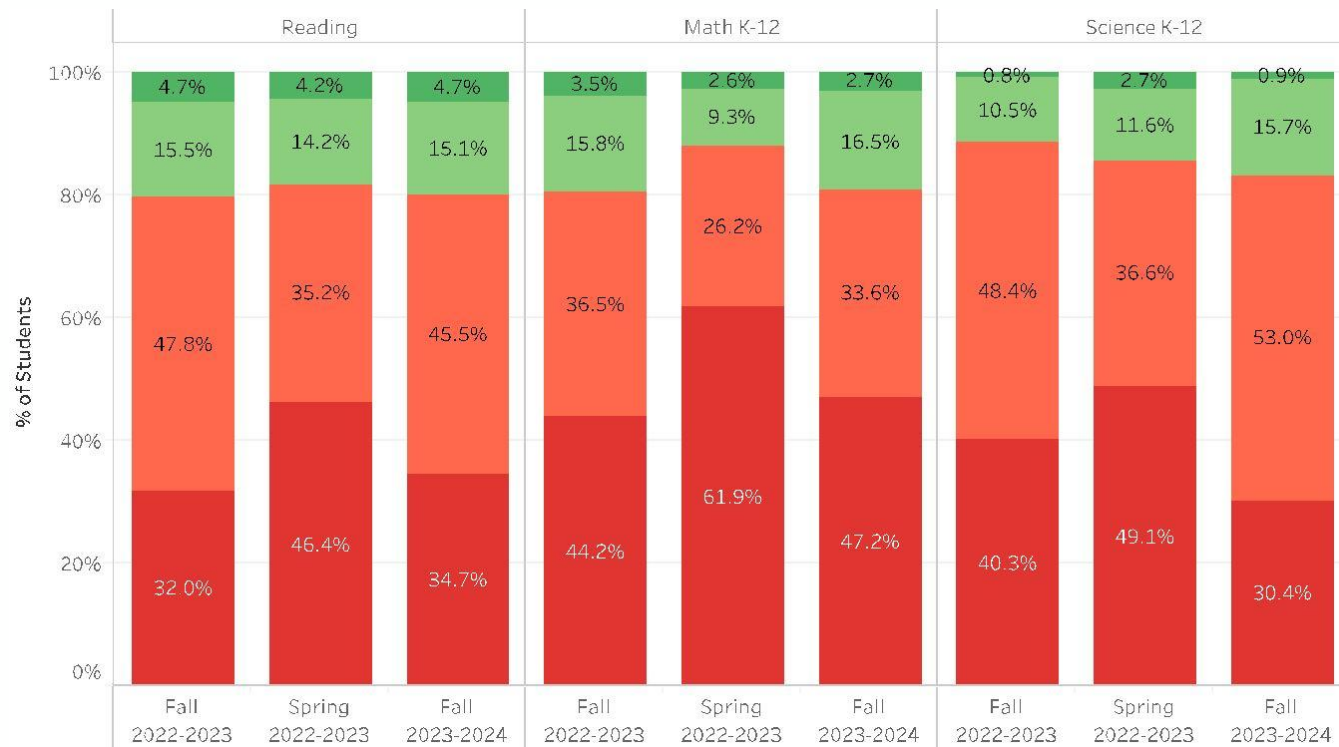
- Advanced
- Proficient
- Basic
- Below Basic

Reading goals:

1. Spring projected MAP proficiency: 29.8% or higher
2. 50% or more students meet their growth goals
3. Spring projected MAP below-basic: 24.7% or lower

Math goals:

1. Spring projected MAP proficiency: 29.2% or higher
2. 50% or more students meet their growth goals
3. Spring projected MAP below-basic: 37.2% or lower



Instructional Minutes



Instructional Minutes 23/24

Required: 1,044 hours

Momentum: 1,117.5 hours (down from 1,123)

KIPP Wisdom: 1,060 hours

Atlas: 1,110 hours

DSST MS: 1,087 hours

Questions?

